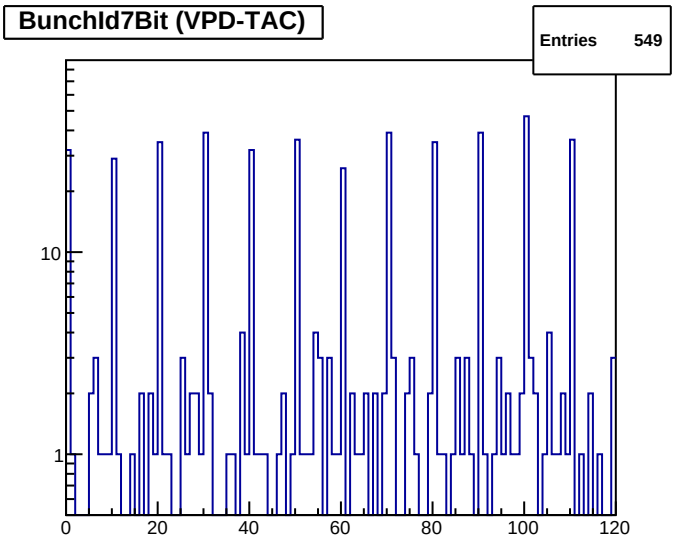
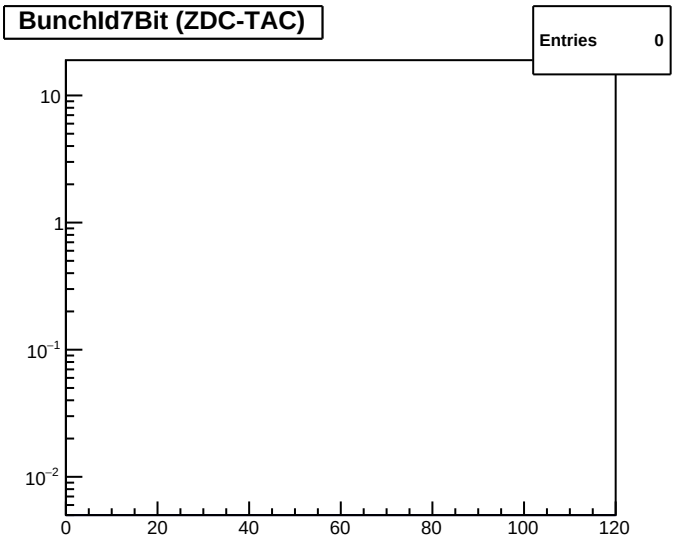
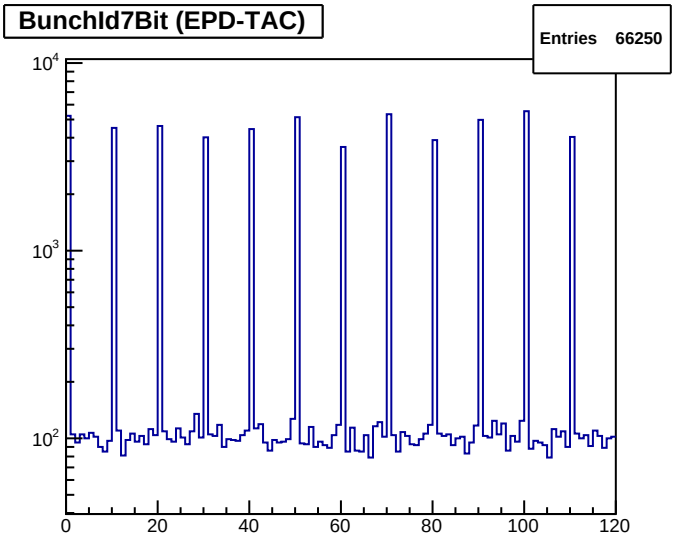
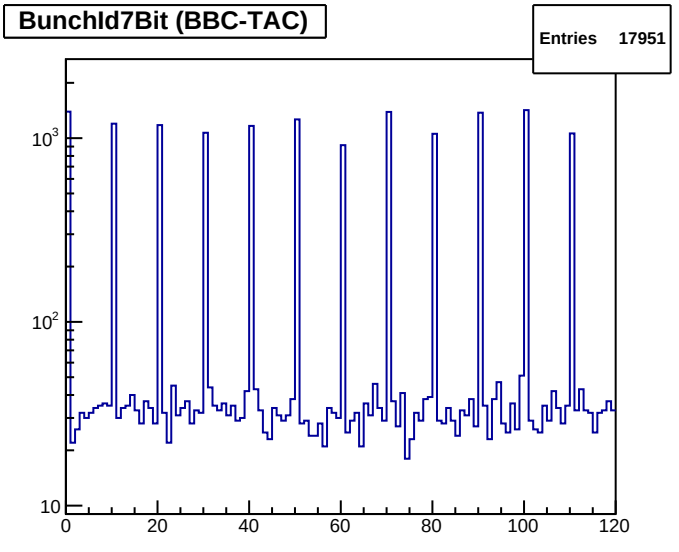
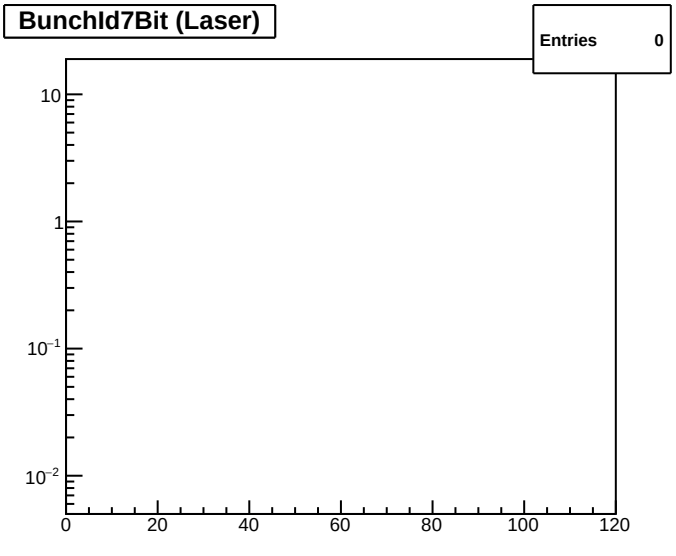
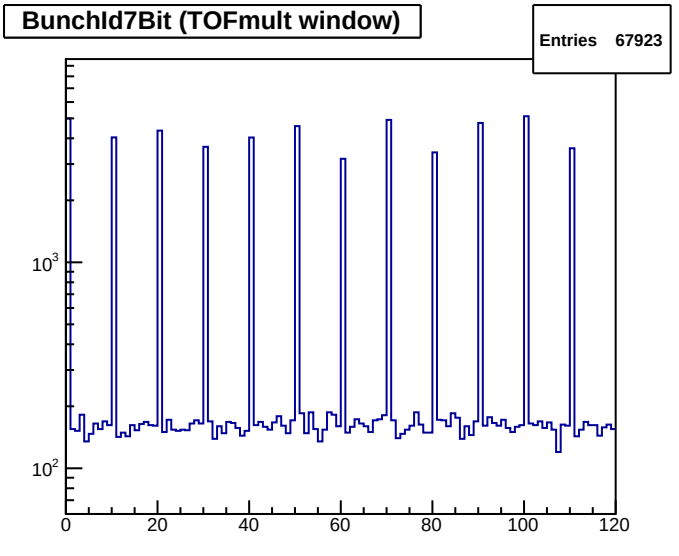

BunchId7Bit (VPD-TAC)
Entries 549

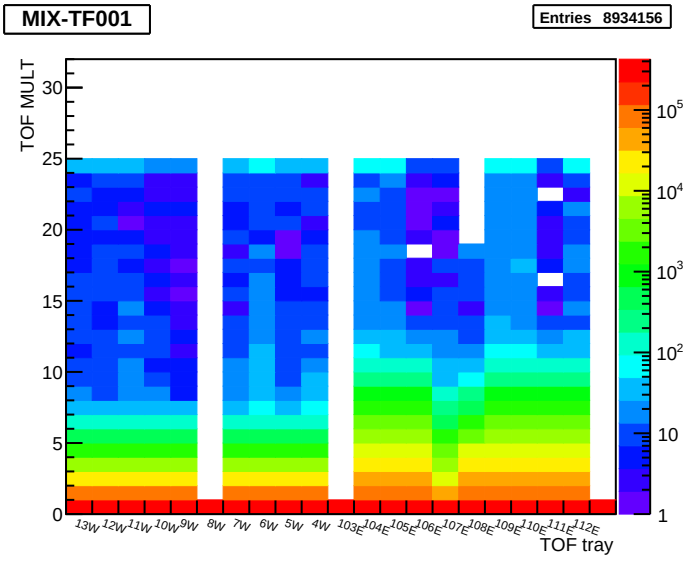

BunchId7Bit (ZDC-TAC)
Entries 0

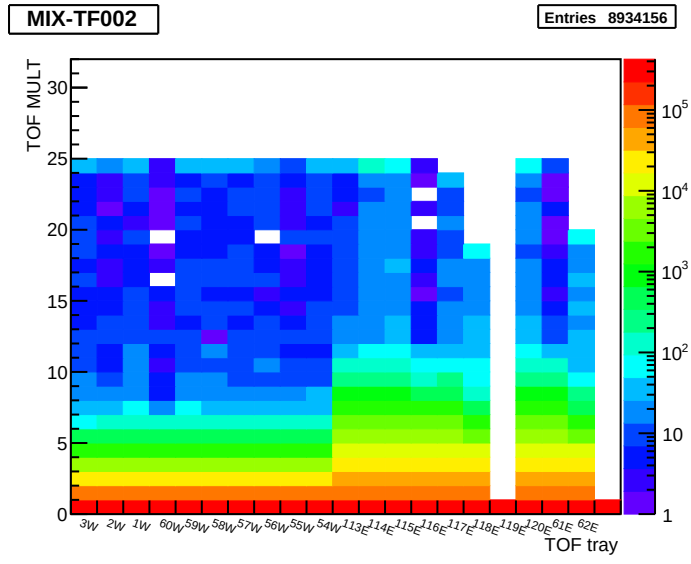

BunchId7Bit (EPD-TAC)
Entries 66250

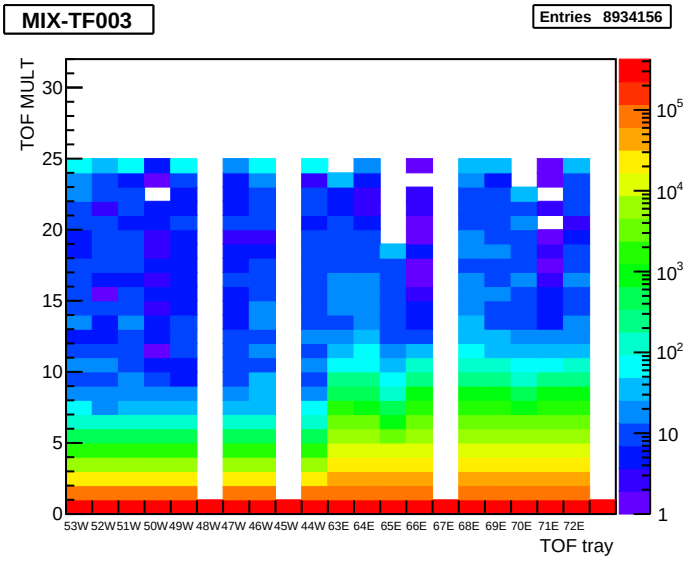

BunchId7Bit (BBC-TAC)
Entries 17951

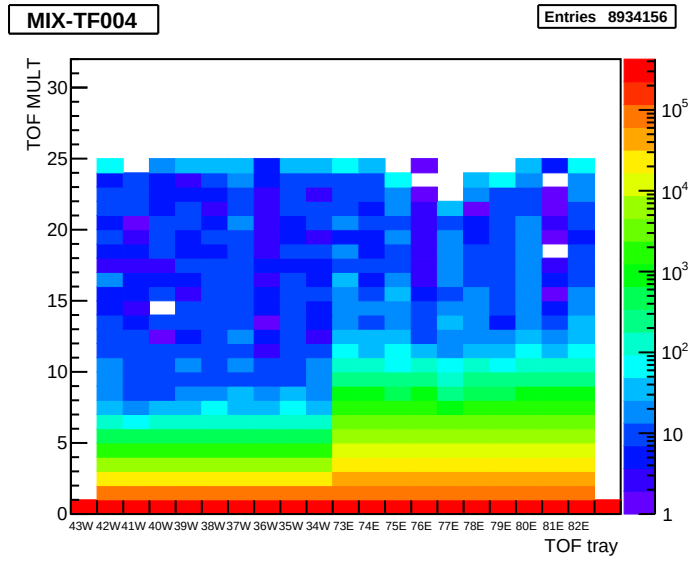

BunchId7Bit (Laser)
Entries 0

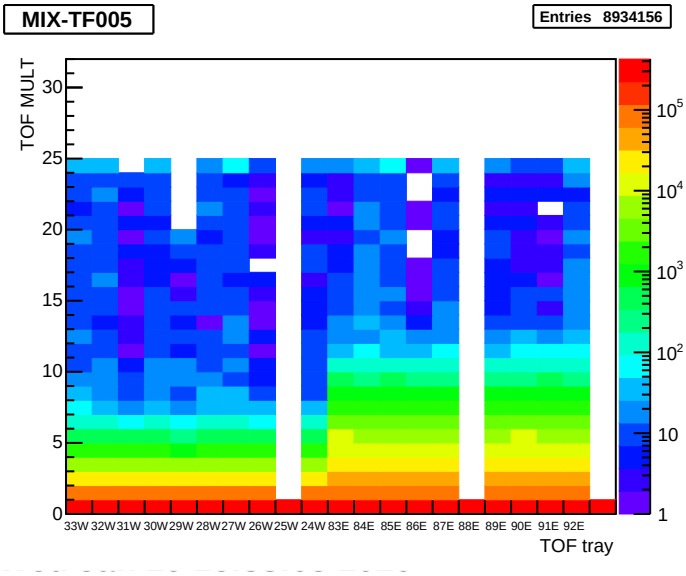

BunchId7Bit (TOFmult window)
Entries 67923

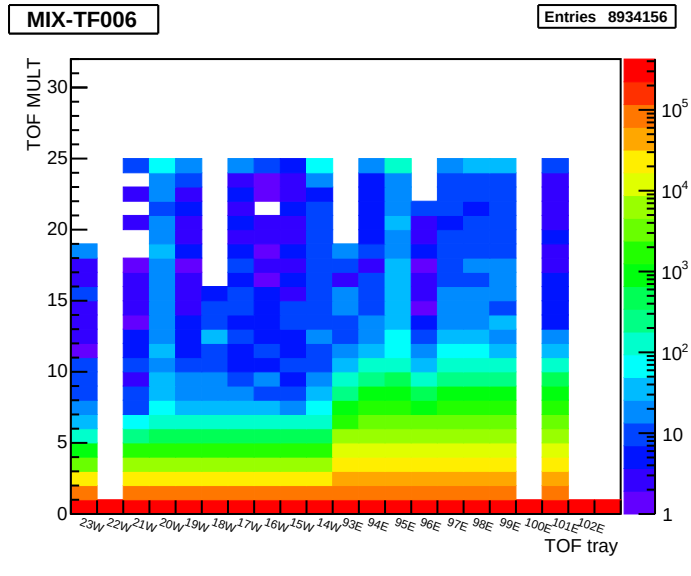

MIX-TF001
Entries 8934156
TOF MULT
TOF tray

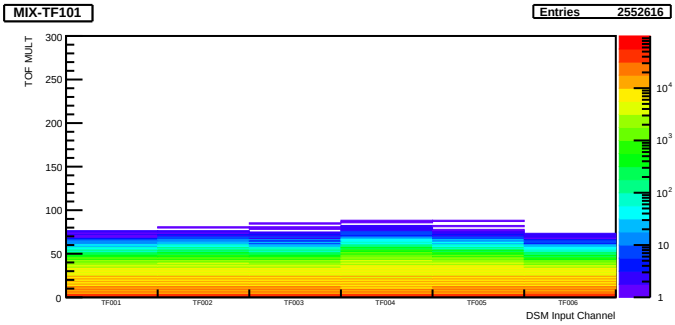

MIX-TF002
Entries 8934156
TOF MULT
TOF tray

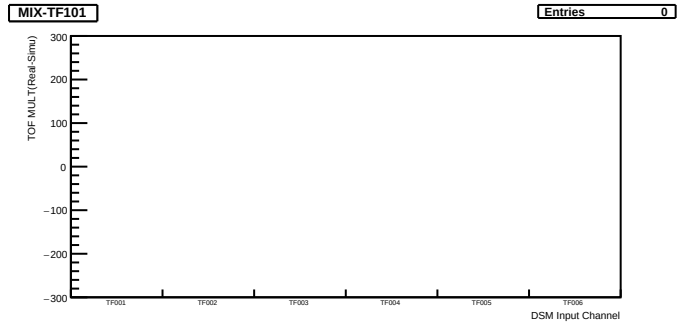

MIX-TF003
Entries 8934156
TOF MULT
TOF tray

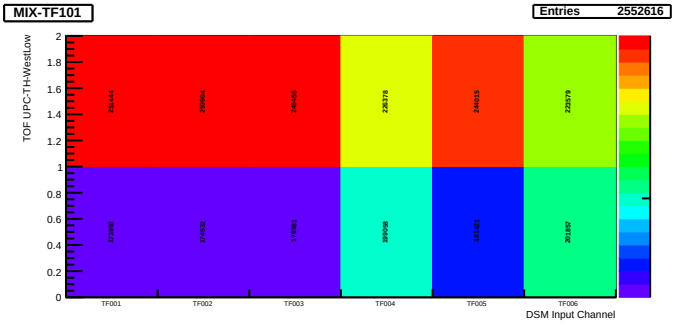

MIX-TF004
Entries 8934156
TOF MULT
TOF tray

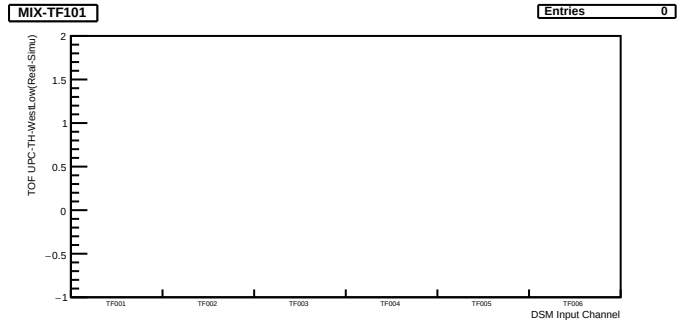

MIX-TF005
Entries 8934156
TOF MULT
TOF tray

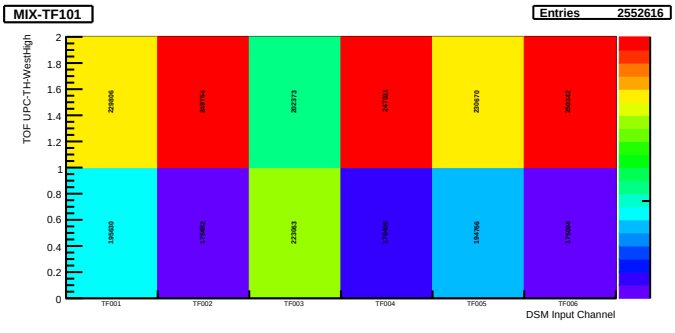

MIX-TF006
Entries 8934156
TOF MULT
TOF tray

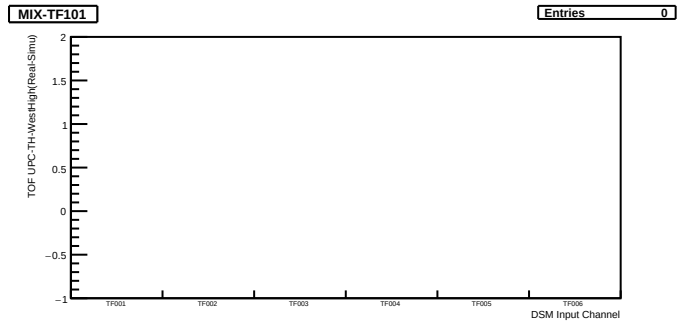

MIX-TF101
Entries 2552616
TOF MULT
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

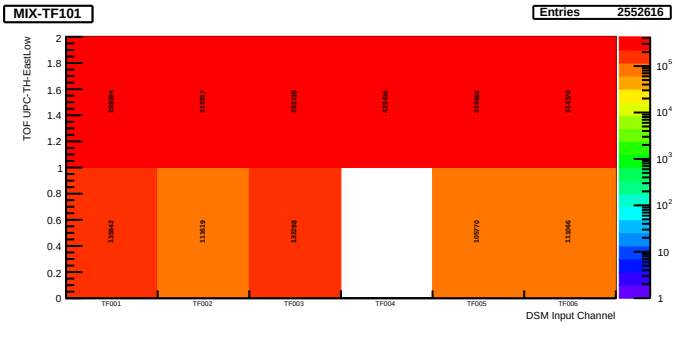

MIX-TF101
Entries 0
TOF MULT(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

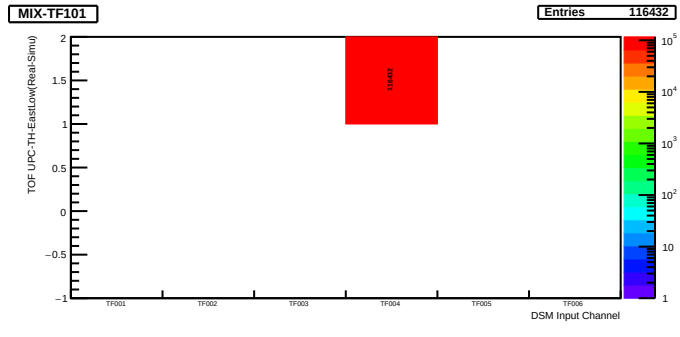

MIX-TF101
Entries 2552616
TOF UPC-TH-WestLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

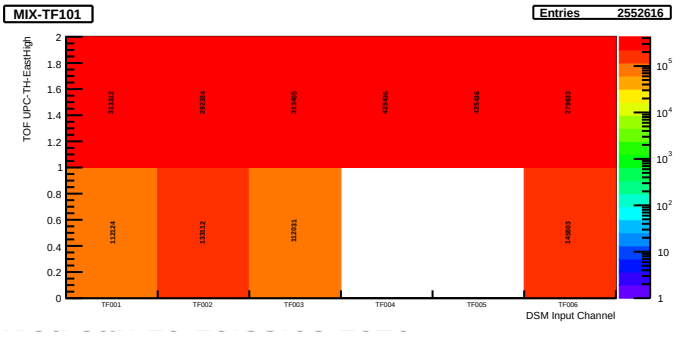

MIX-TF101
Entries 0
TOF UPC-TH-WestLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

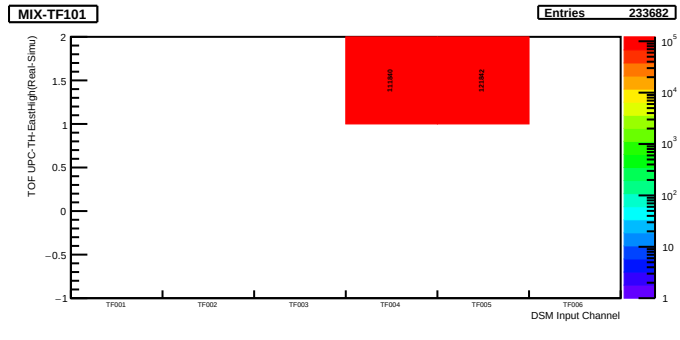

MIX-TF101
Entries 2552616
TOF UPC-TH-WestHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

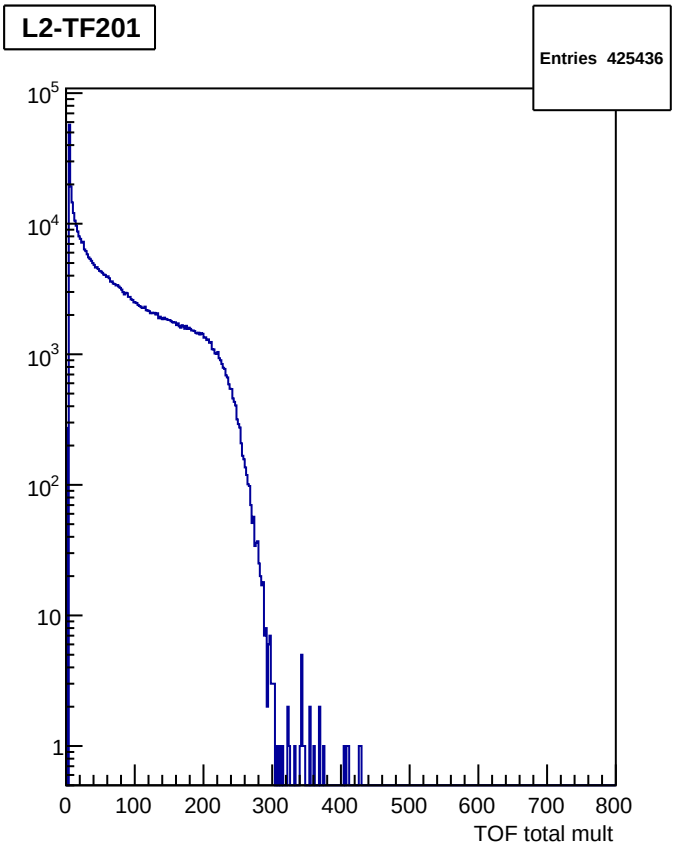

MIX-TF101
Entries 0
TOF UPC-TH-WestHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

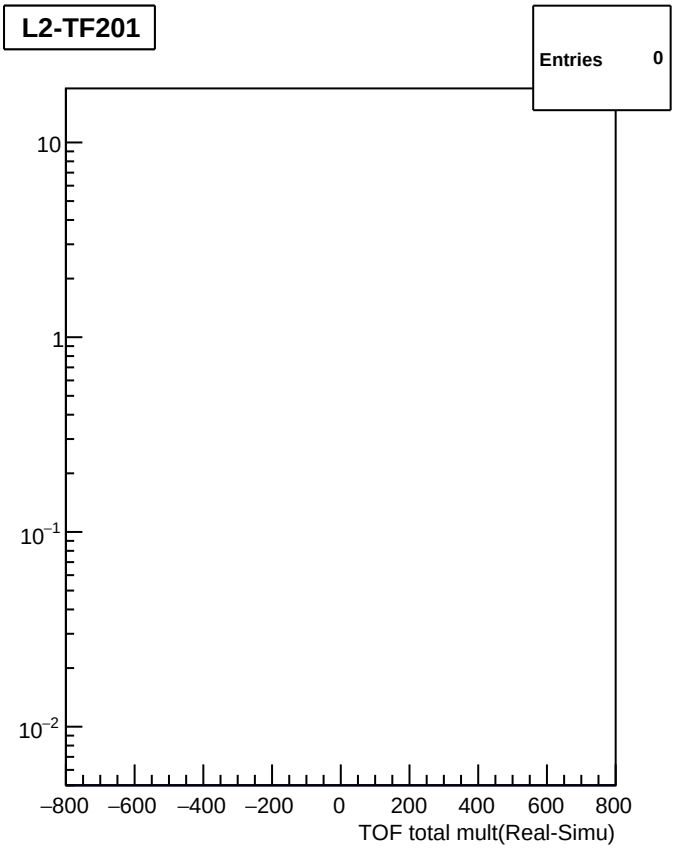

MIX-TF101
Entries 2552616
TOF UPC-TH-EastLow
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

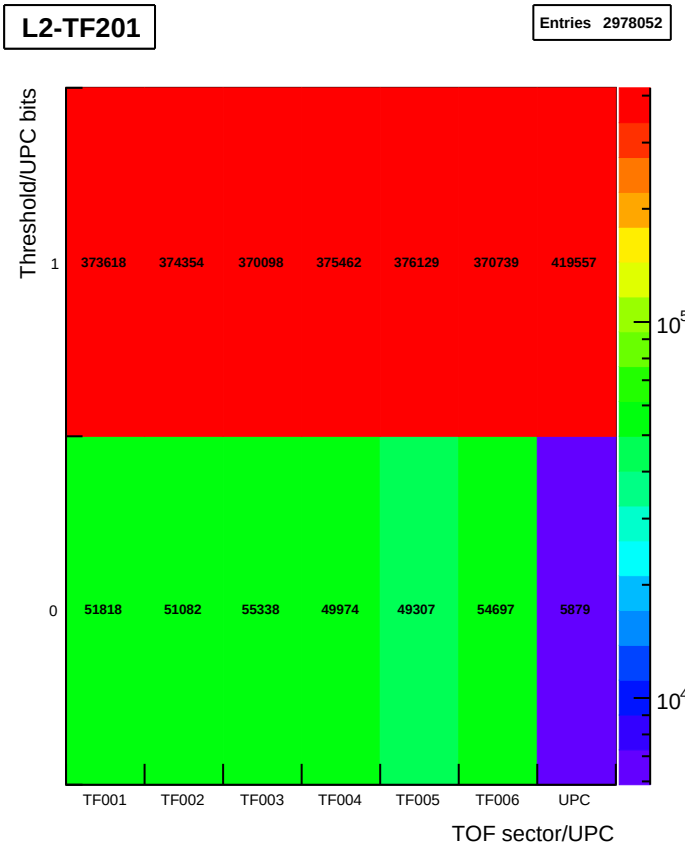

MIX-TF101
Entries 116432
TOF UPC-TH-EastLow(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

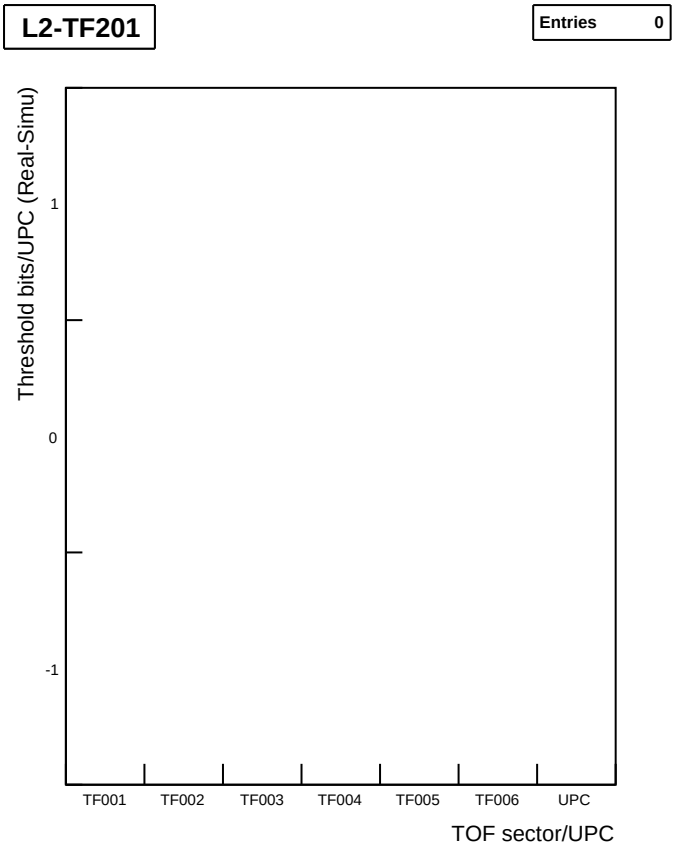

MIX-TF101
Entries 2552616
TOF UPC-TH-EastHigh
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

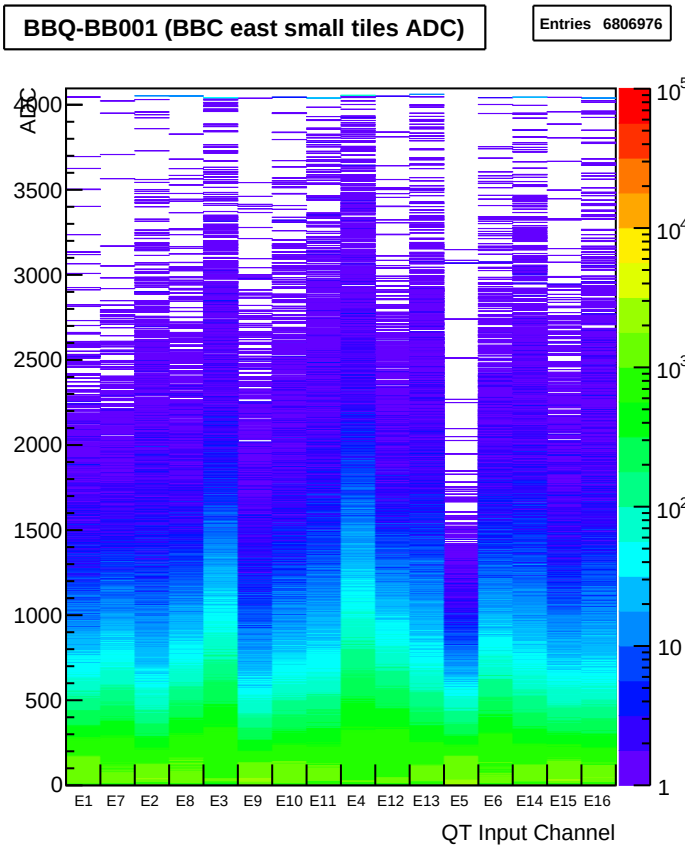

MIX-TF101
Entries 233682
TOF UPC-TH-EastHigh(Real-Simu)
DSM Input Channel
TF001
TF002
TF003
TF004
TF005
TF006

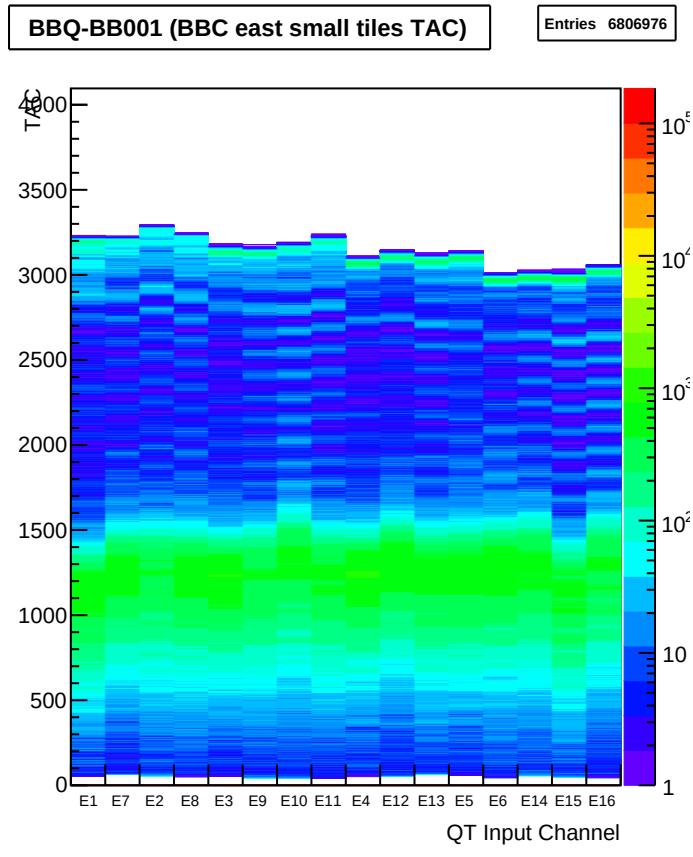

L2-TF201
Entries 425436
TOF total mult

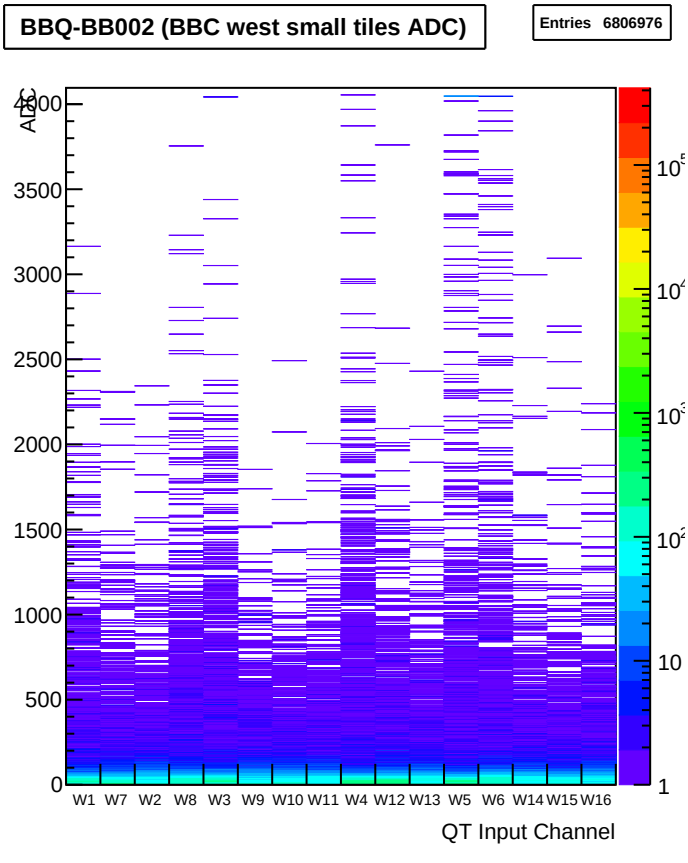

L2-TF201
Entries 0
TOF total mult(Real-Simu)

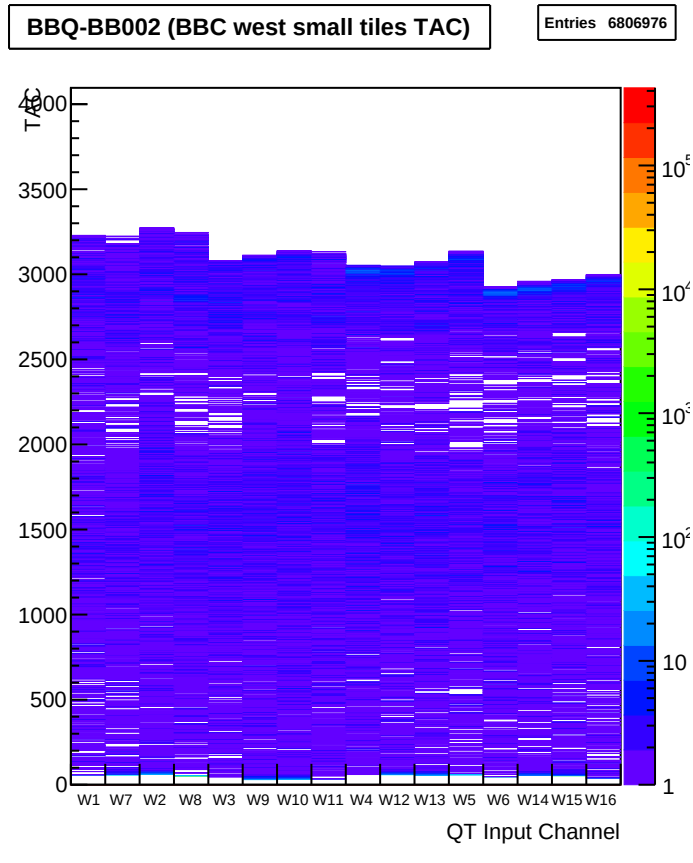

L2-TF201
Entries 2978052
Threshold/UPC bits
373618
374354
370098
375462
376129
370739
419557
51818
51082
55338
49974
49307
54697
5879
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

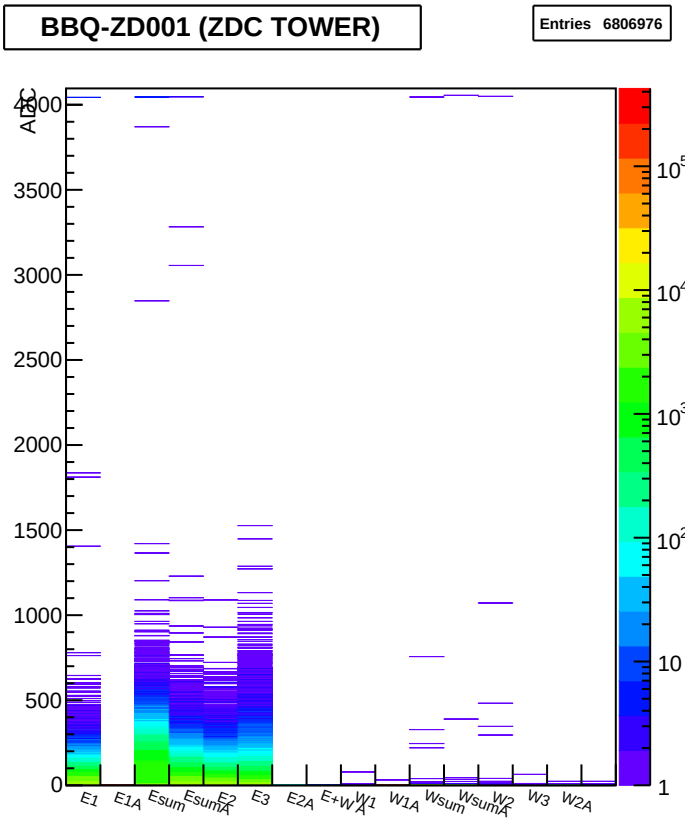

L2-TF201
Entries 0
Threshold bits/UPC (Real-Simu)
TF001
TF002
TF003
TF004
TF005
TF006
UPC
TOF sector/UPC

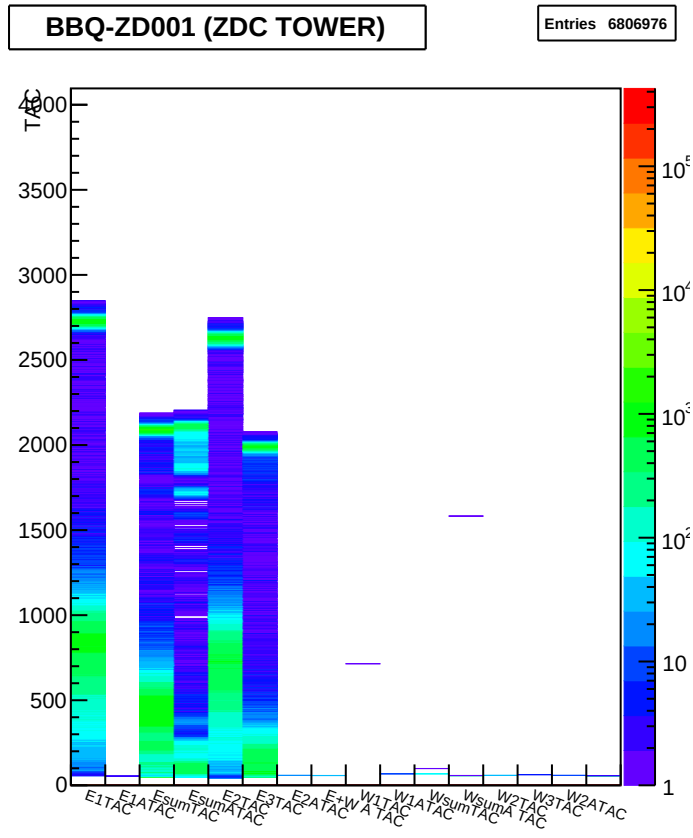

BBQ-BB001 (BBC east small tiles ADC)
Entries 6806976
ADC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

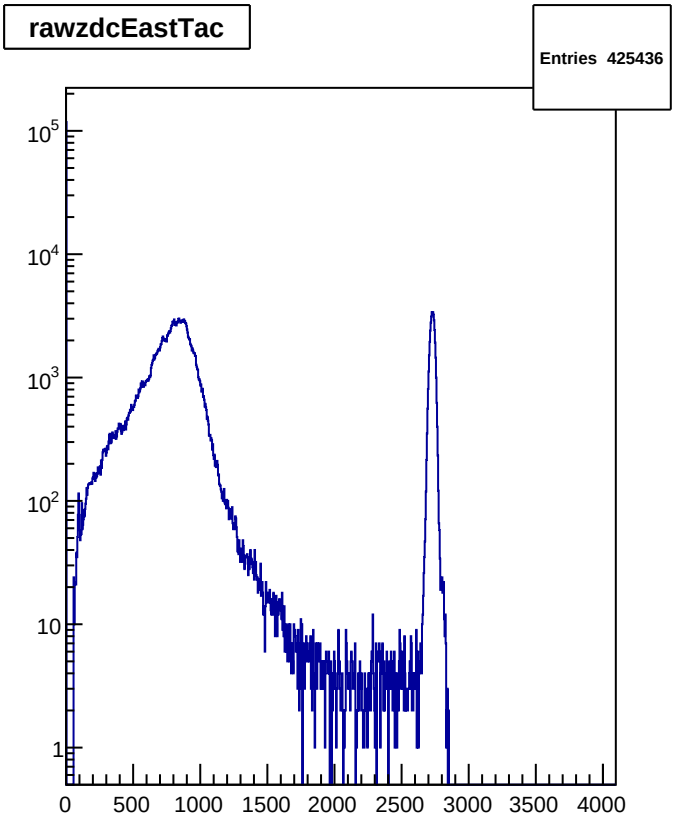

BBQ-BB001 (BBC east small tiles TAC)
Entries 6806976
TAC
QT Input Channel
E1 E7 E2 E8 E3 E9 E10 E11 E4 E12 E13 E5 E6 E14 E15 E16

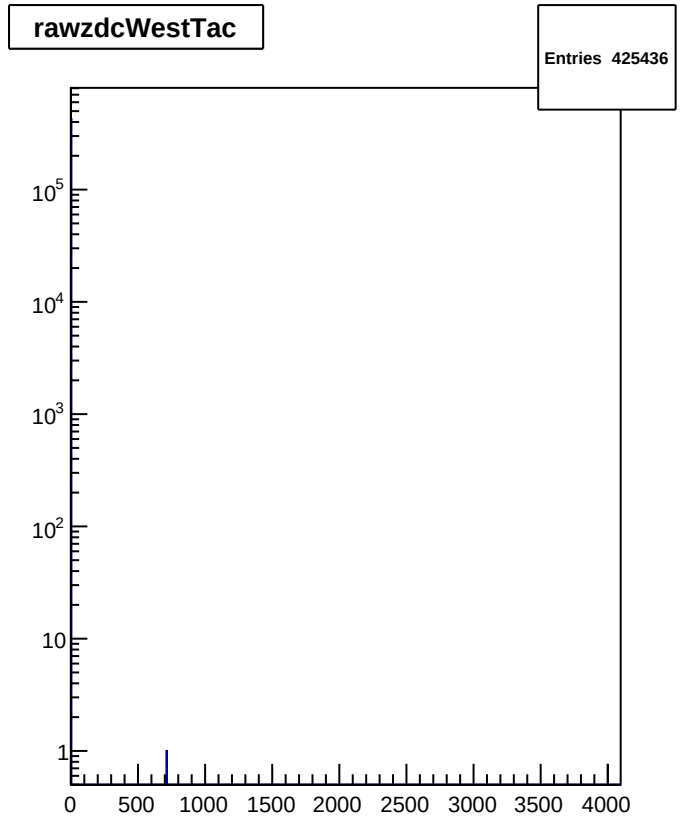

BBQ-BB002 (BBC west small tiles ADC)
Entries 6806976
ADC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

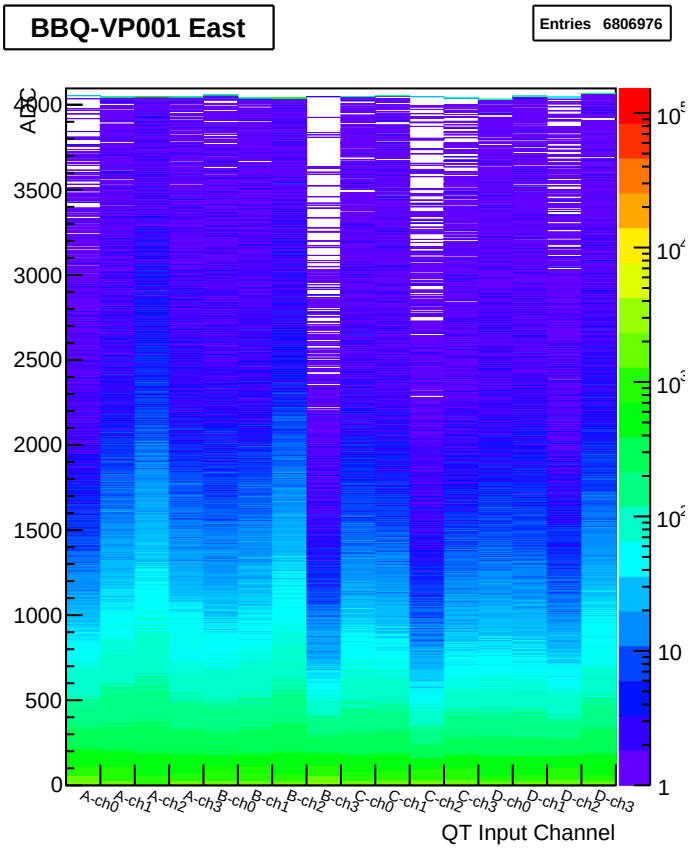

BBQ-BB002 (BBC west small tiles TAC)
Entries 6806976
TAC
QT Input Channel
W1 W7 W2 W8 W3 W9 W10 W11 W4 W12 W13 W5 W6 W14 W15 W16

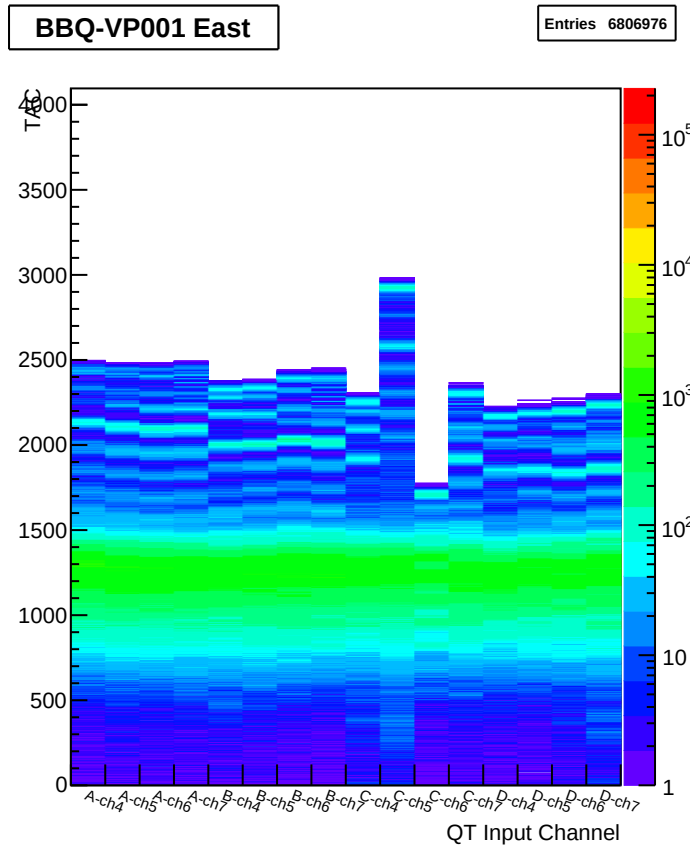

BBQ-ZD001 (ZDC TOWER)
Entries 6806976
ADC
E1
E1A
Esum
EsumA
E2
E3
E2A
E+W
W1A
W1
Wsum
WsumA
W2
W3
W2A

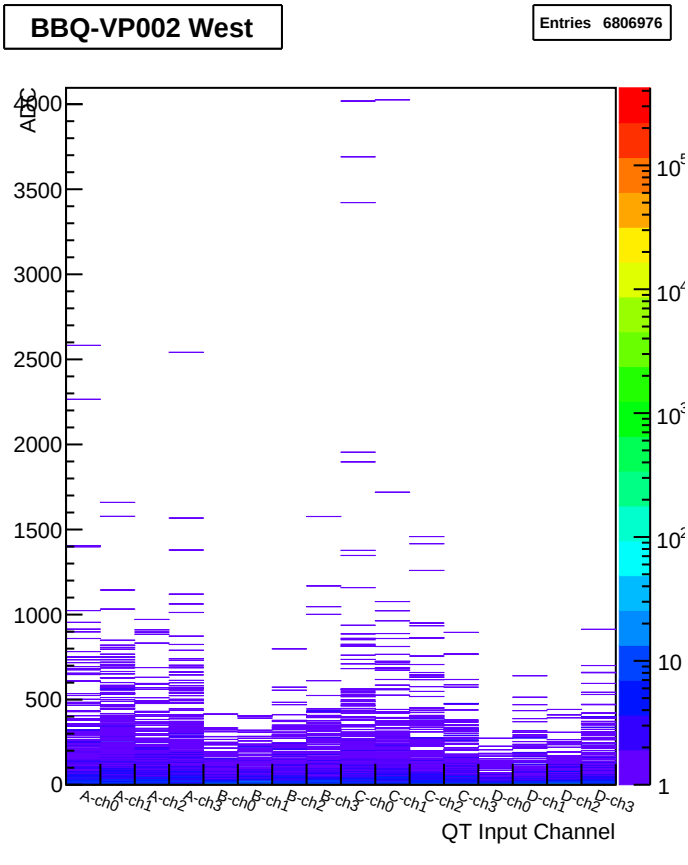

BBQ-ZD001 (ZDC TOWER)
Entries 6806976
TAC
E1TAC
E1ATAC
EsumTAC
EsumATAC
E2TAC
E3TAC
E2ATAC
E+W TAC
W1TAC
W1ATAC
WsumTAC
WsumATAC
W2TAC
W3TAC
W2ATAC

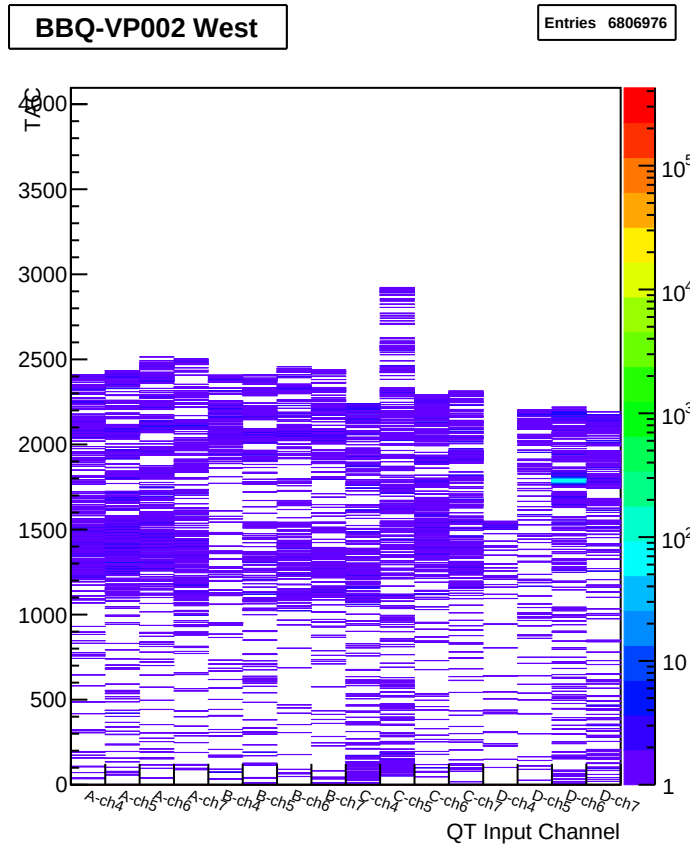

rawzdcEastTac
Entries 425436

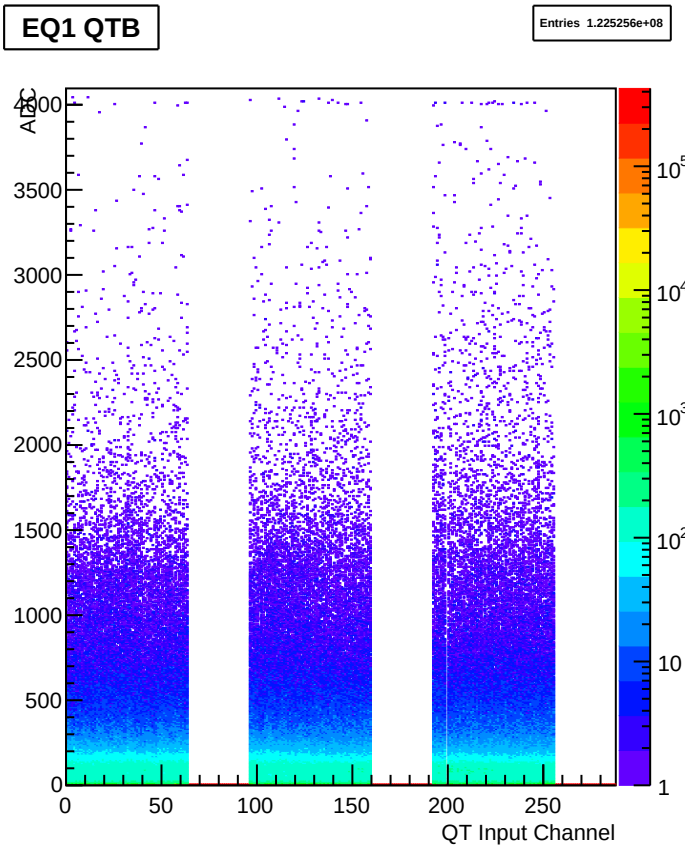

rawzdcWestTac
Entries 425436

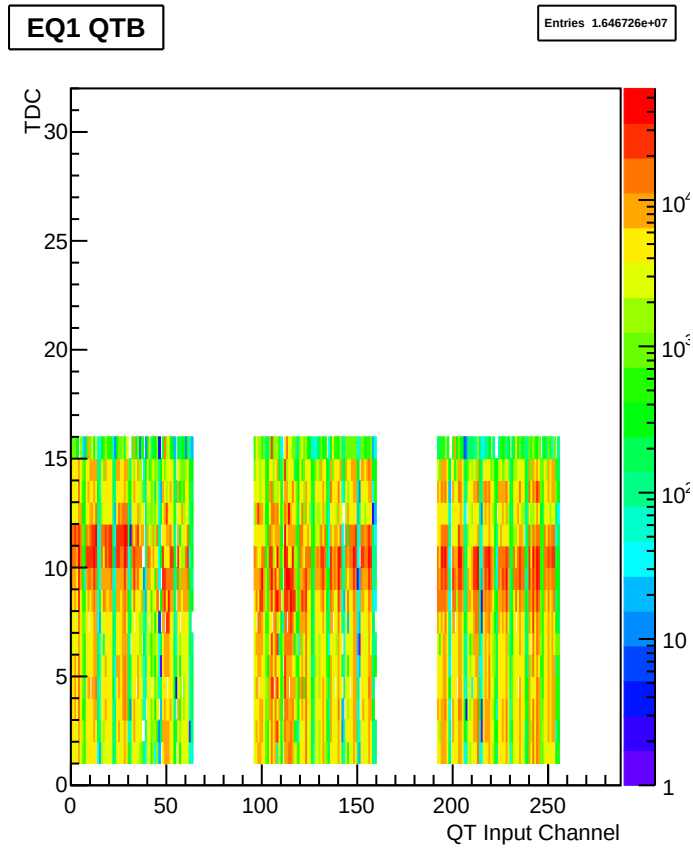

BBQ-VP001 East
Entries 6806976
ADC
QT Input Channel

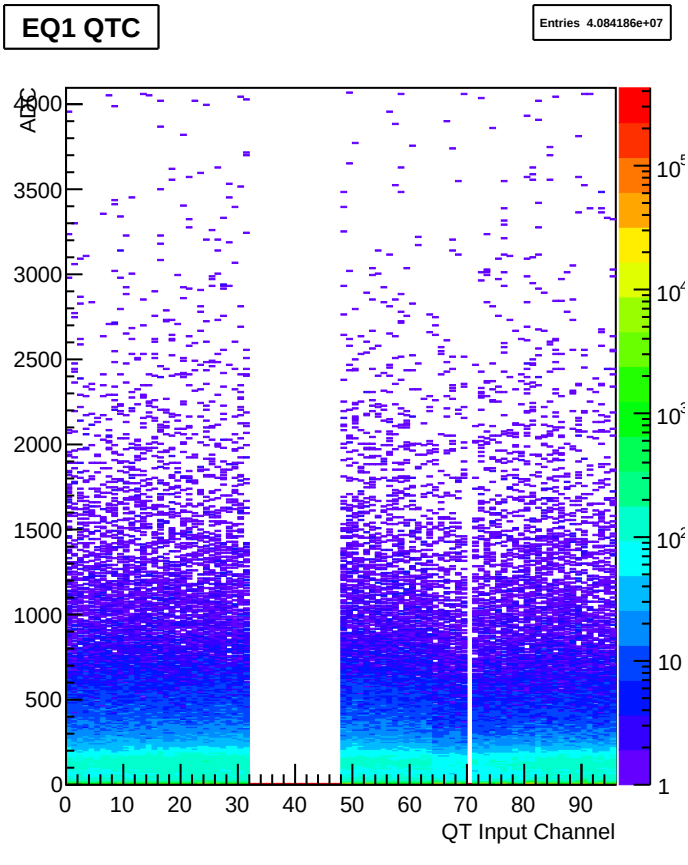

BBQ-VP001 East
Entries 6806976
TADC
QT Input Channel

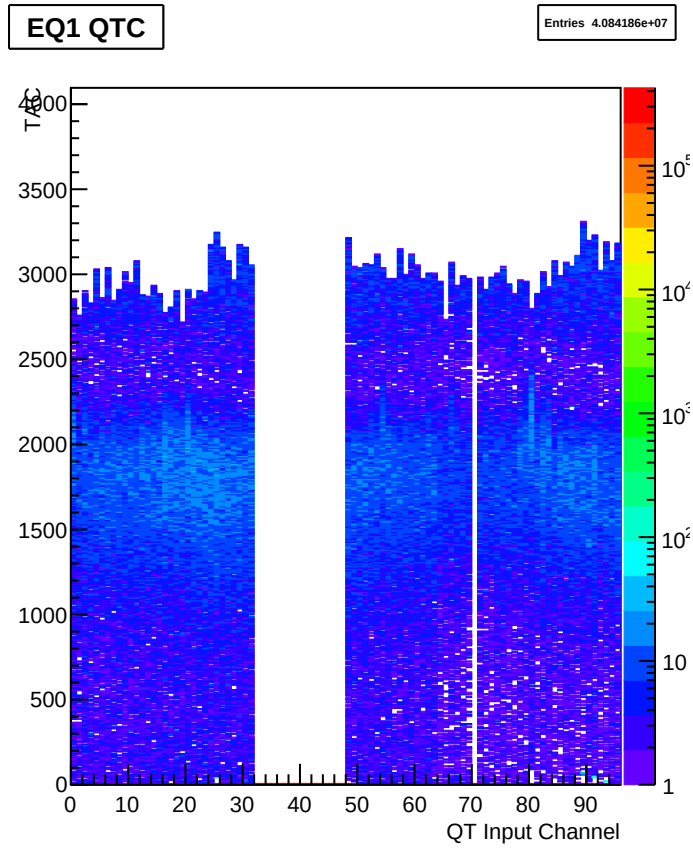

BBQ-VP002 West
Entries 6806976
ADC
QT Input Channel

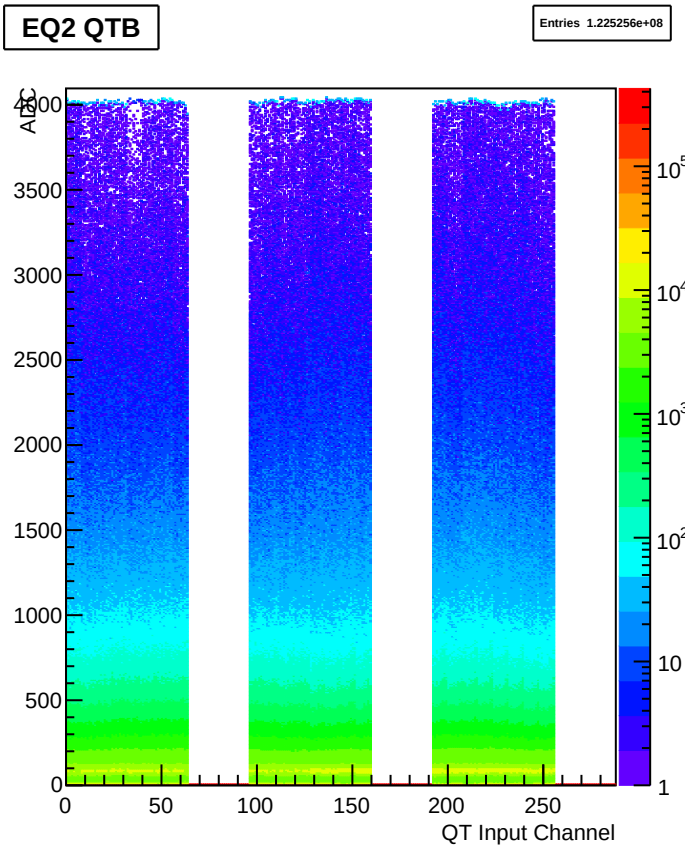

BBQ-VP002 West
Entries 6806976
TADC
QT Input Channel

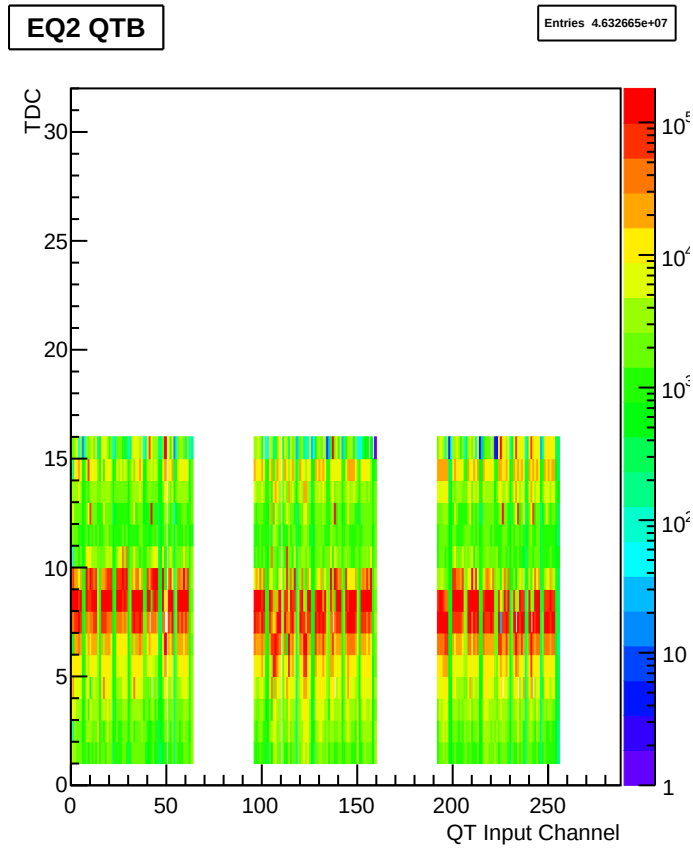

EQ1 QTB
Entries 1.225256e+08
ADC
QT Input Channel

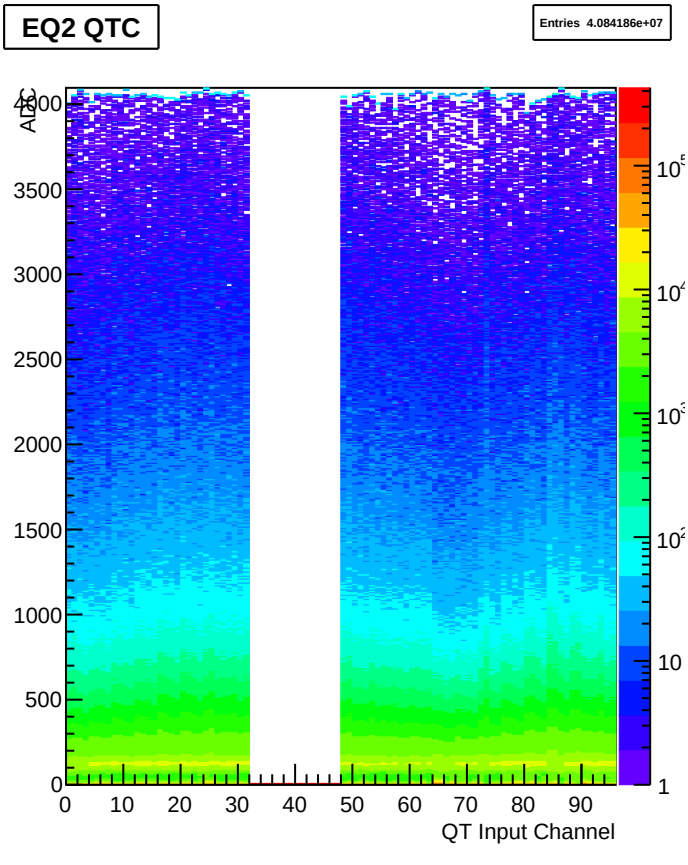

EQ1 QTB
Entries 1.646726e+07
TDC
QT Input Channel

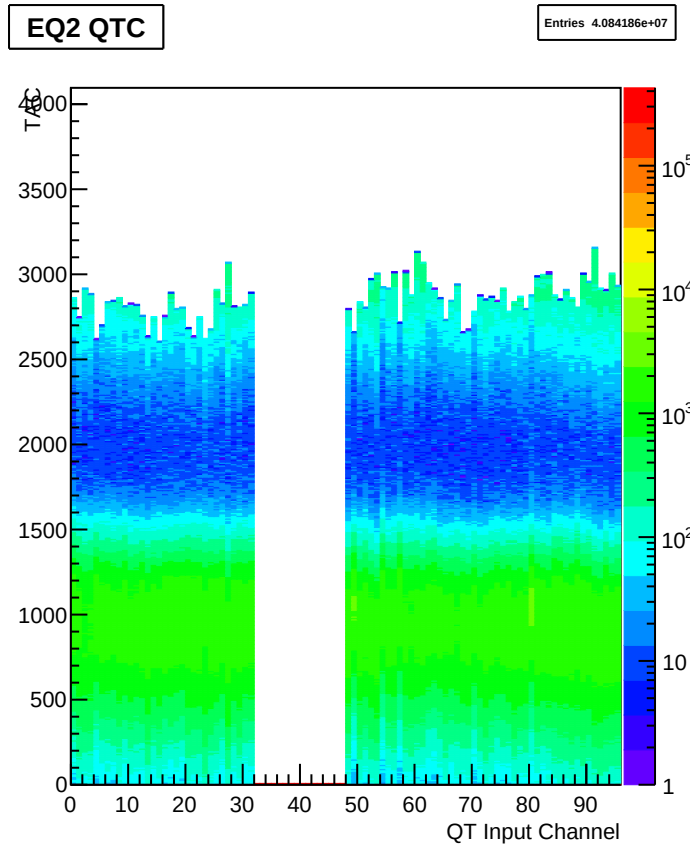

EQ1 QTC
Entries 4.084186e+07
ADC
QT Input Channel

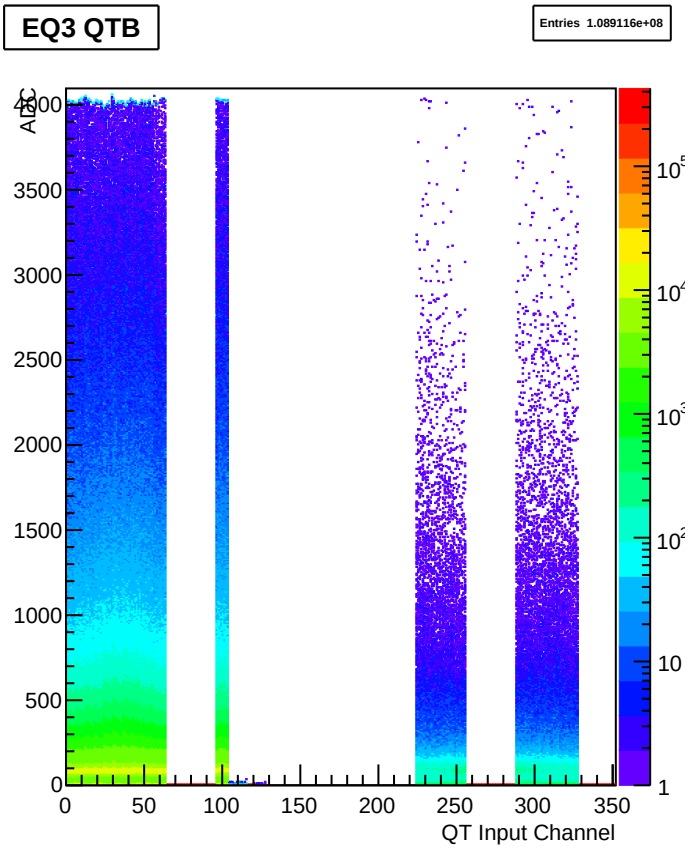

EQ1 QTC
Entries 4.084186e+07
TADC
QT Input Channel

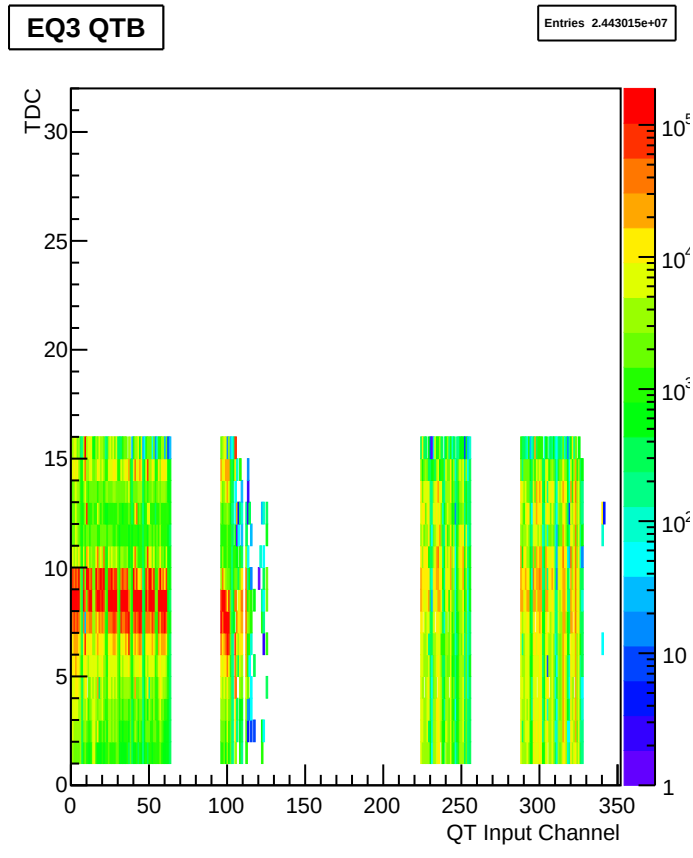

EQ2 QTB
Entries 1.225256e+08
ADC
QT Input Channel

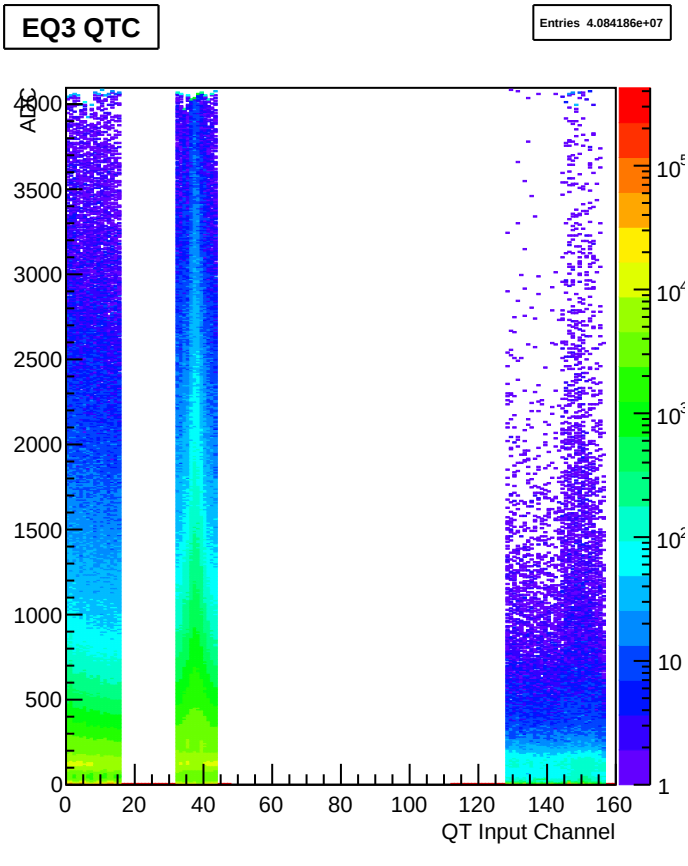

EQ2 QTB
Entries 4.632665e+07
TDC
QT Input Channel

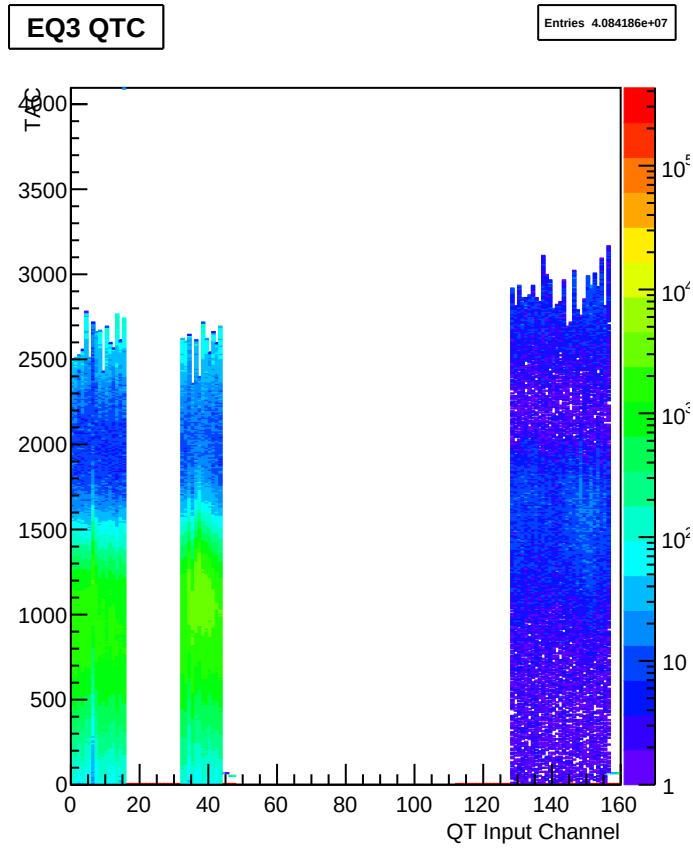

EQ2 QTC
Entries 4.084186e+07
ADC
QT Input Channel

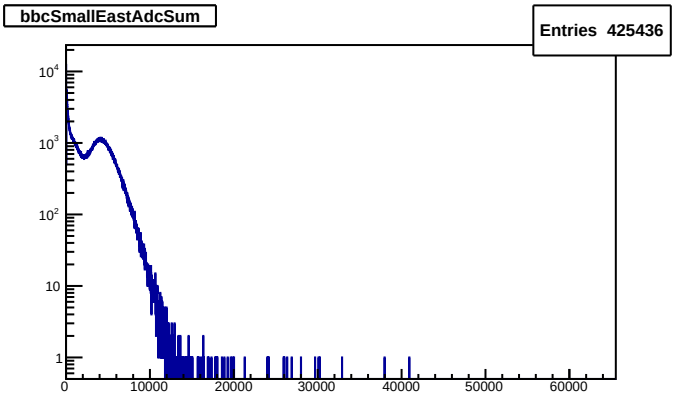

EQ2 QTC
Entries 4.084186e+07
TADC
QT Input Channel

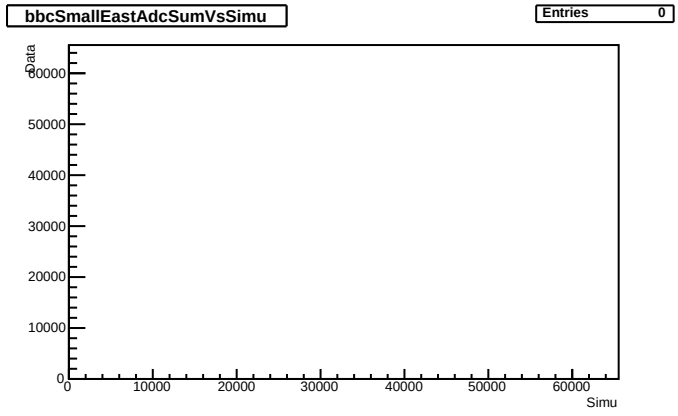

EQ3 QTB
Entries 1.089116e+08
ADC
QT Input Channel

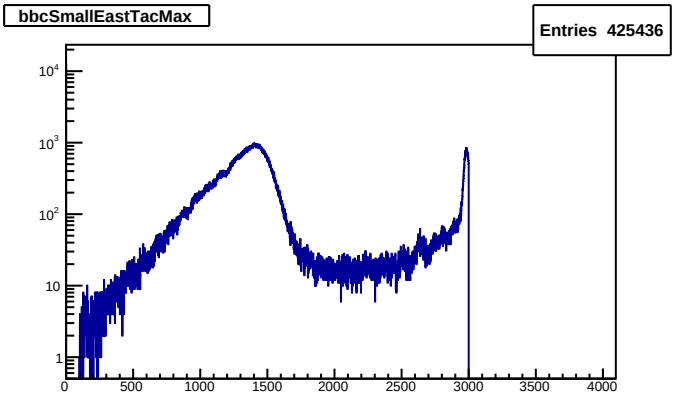

EQ3 QTB
Entries 2.443015e+07
TDC
QT Input Channel

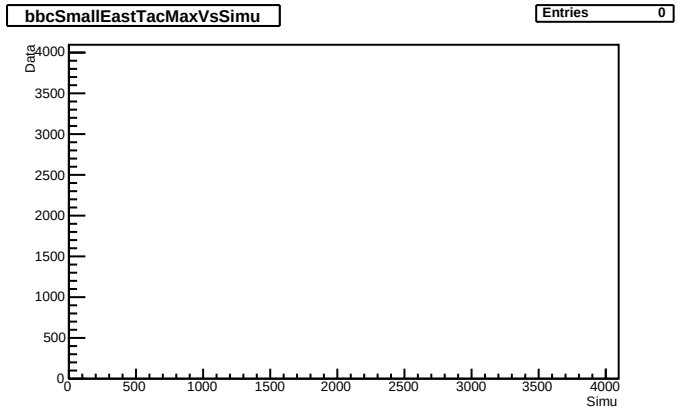

EQ3 QTC
Entries 4.084186e+07
ADC
QT Input Channel


EQ3 QTC
Entries 4.084186e+07
TADC
QT Input Channel


bbcSmallEastAdcSum
Entries 425436


bbcSmallEastAdcSumVsSimu
Entries 0
Data
Simu


bbcSmallEastTacMax
Entries 425436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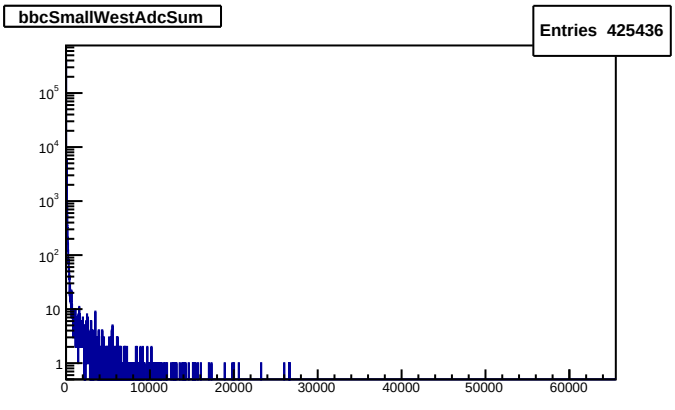
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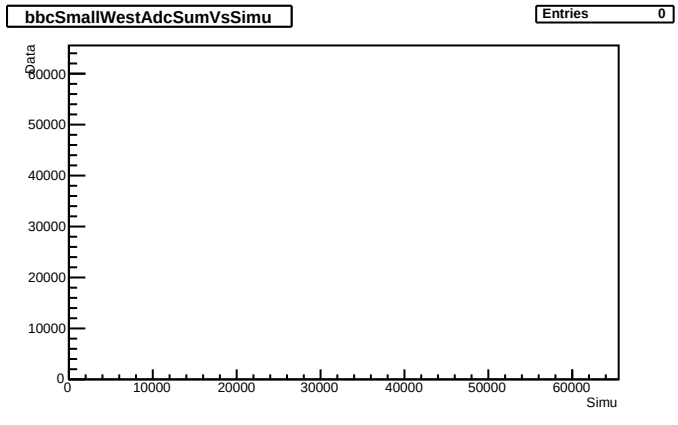
Entries 425436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Entries 0
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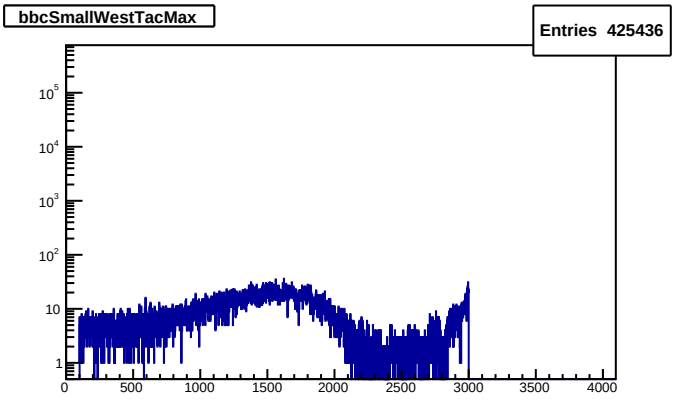
Simu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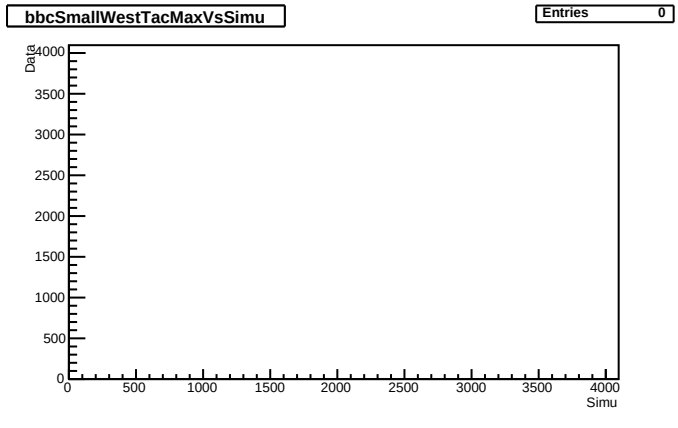
Entries 425436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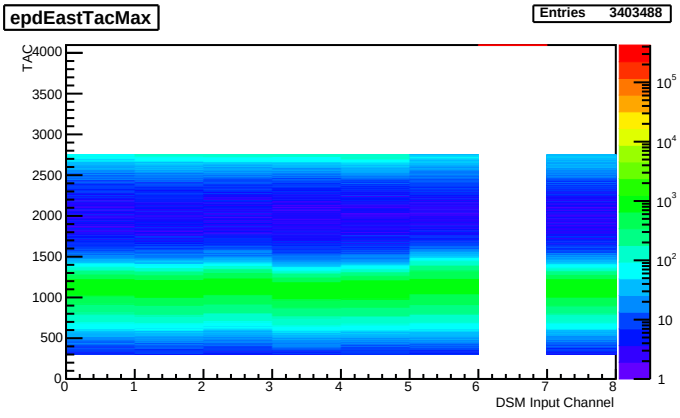
Entries 0
Data
Simu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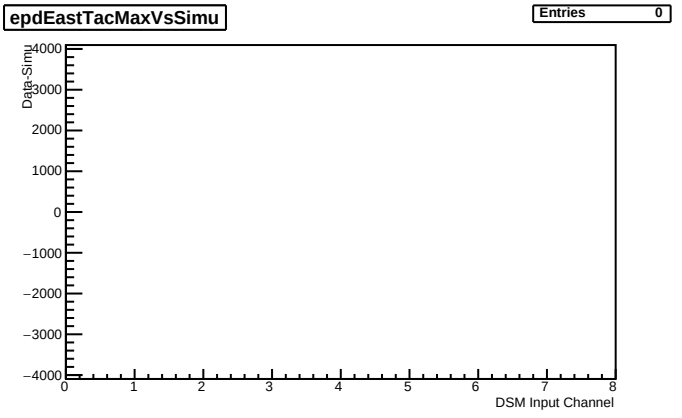
Entries 3403488
TAC
DSM Input Channel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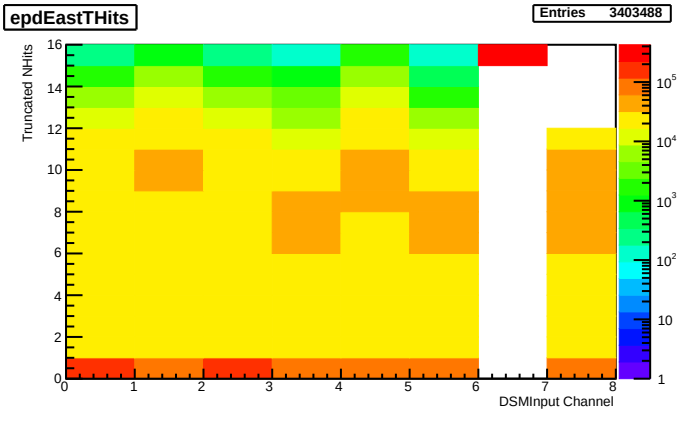
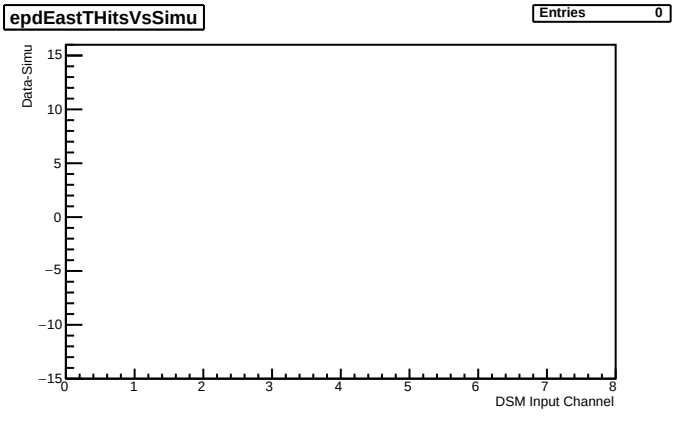
Entries 0
Data-Simu
DSM Input Channel


epdEastTHits
Entries 3403488
Truncated NHits
DSMInput Channel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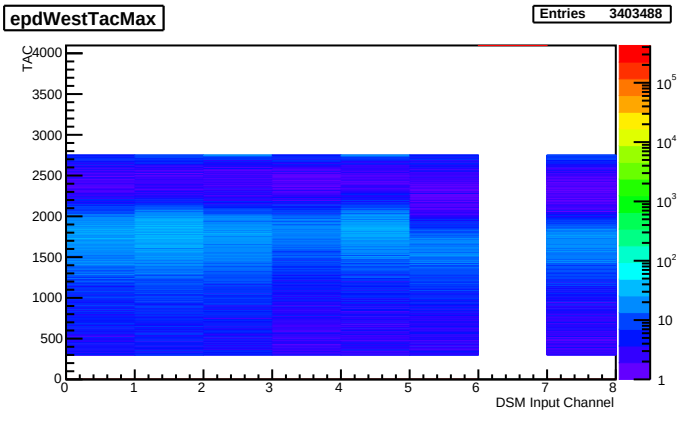
DSM Input Channel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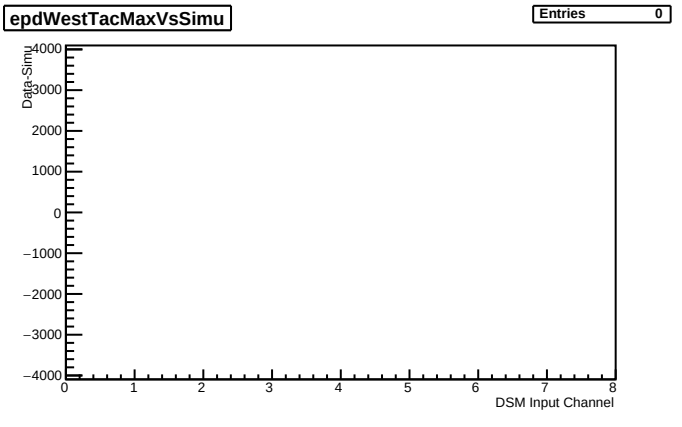
DSM Input Channel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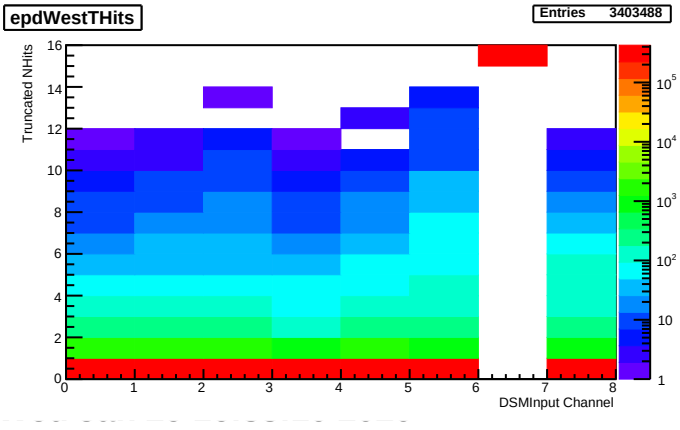
Entries 0
Data-Simu
DSM Input Channel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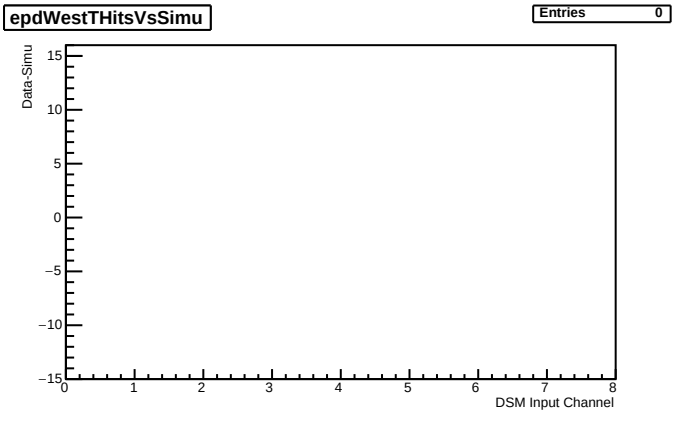
Entries 3403488
Truncated NHits
DSMInput Channel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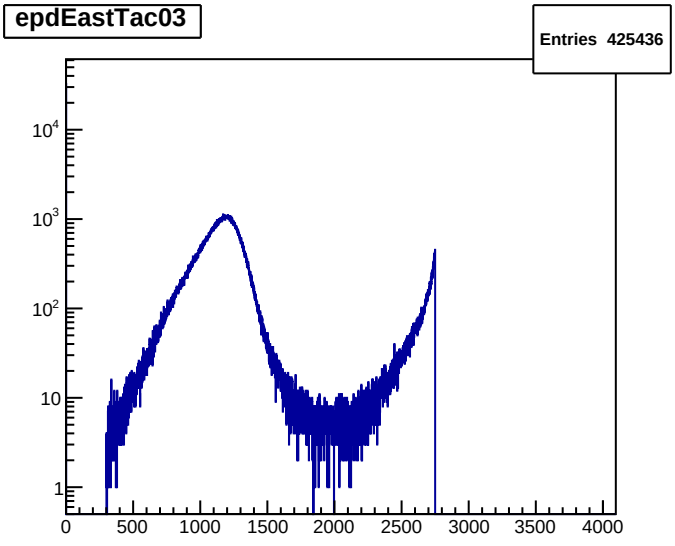
Entries 0
Data-Simu
DSM Input Channel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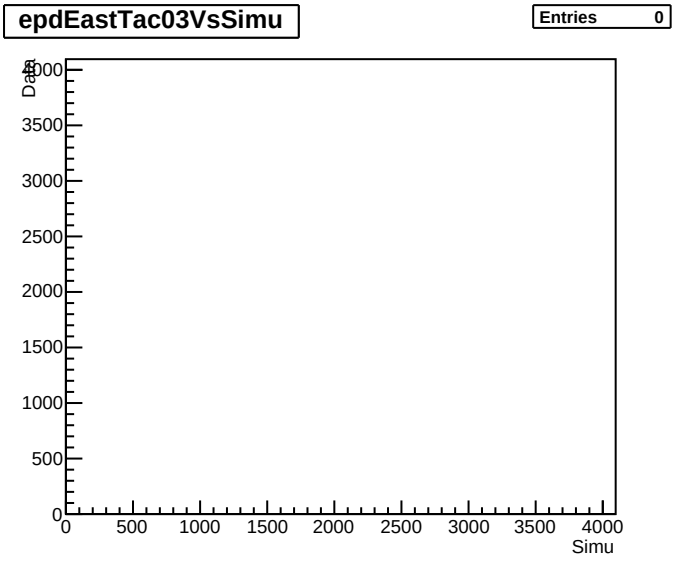
Entries 425436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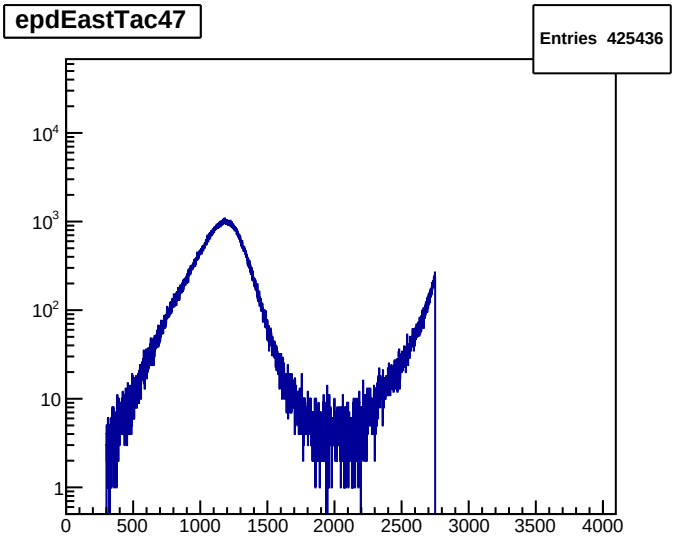
Entries 0
Data
Simu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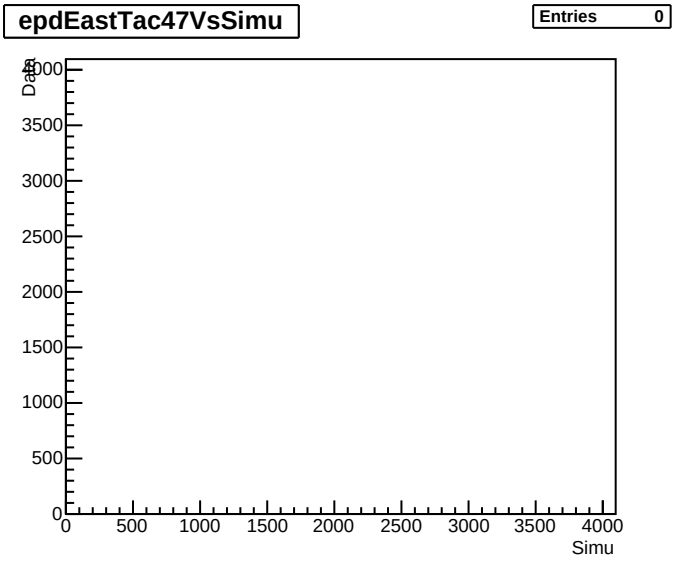
Entries 425436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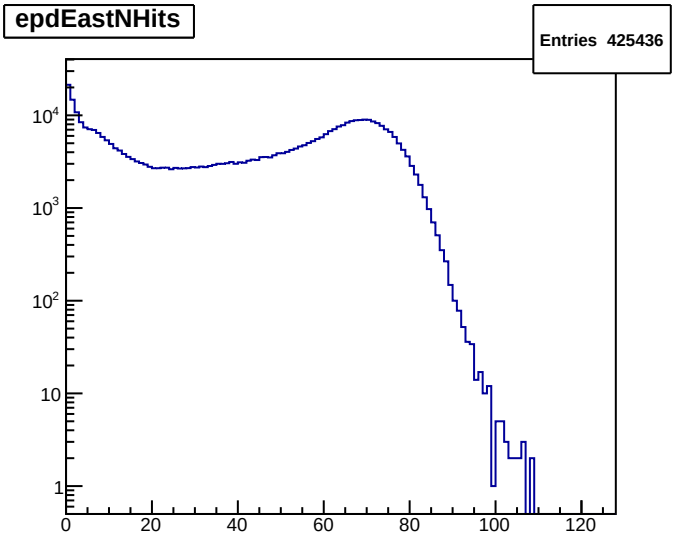
Entries 0
Data
Simu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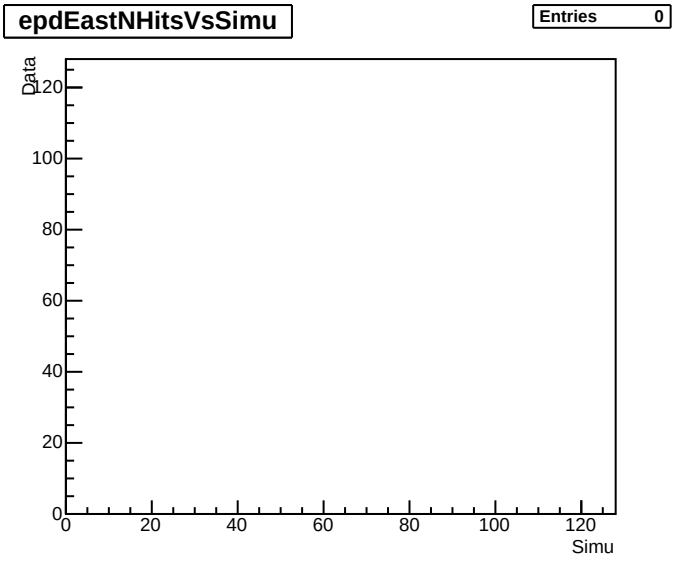
Entries 425436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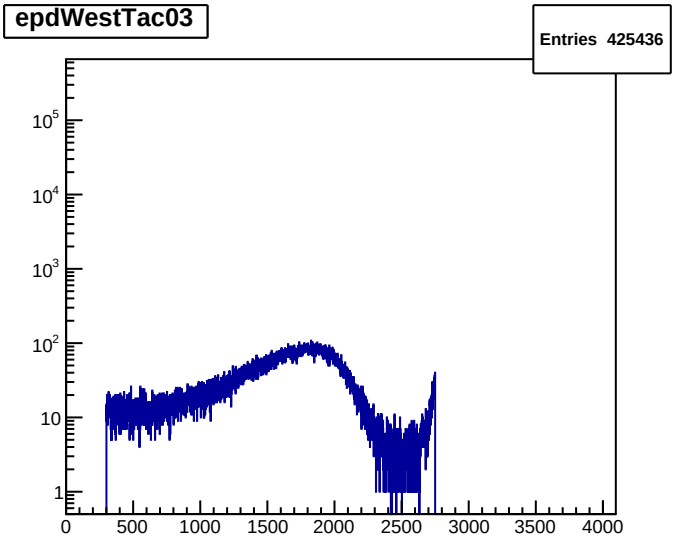
Entries 0
Data
Simu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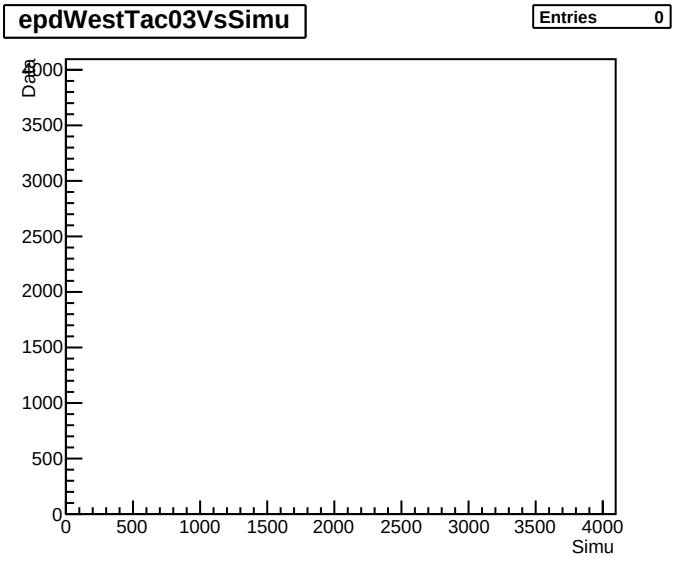
Entries 425436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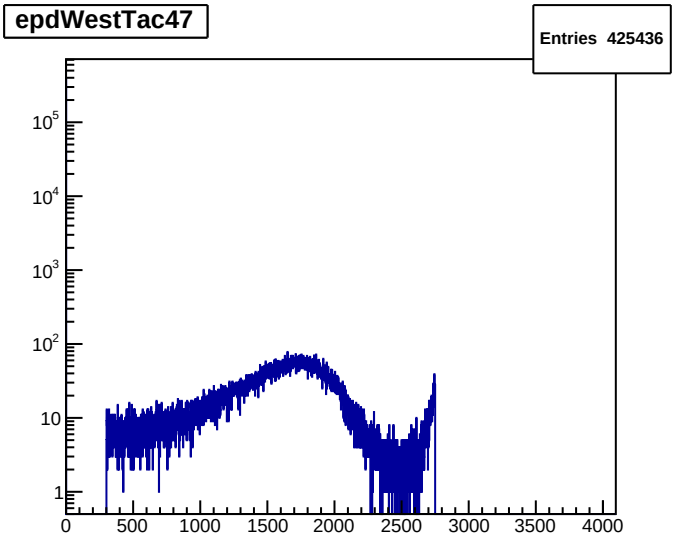
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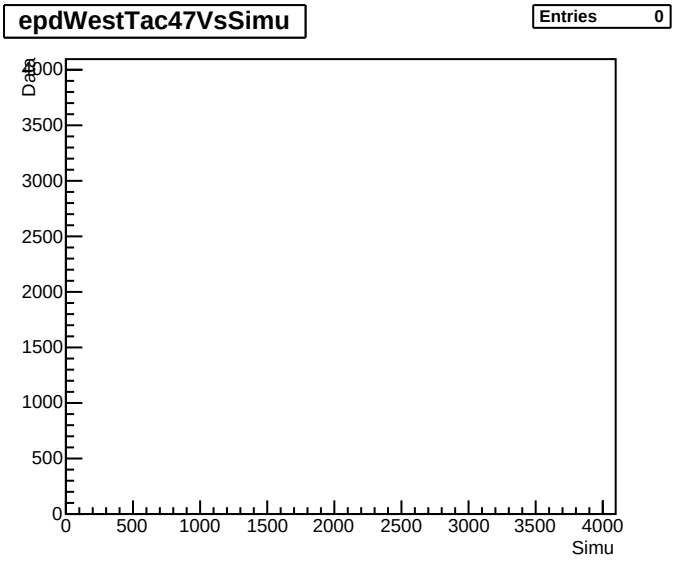
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Data
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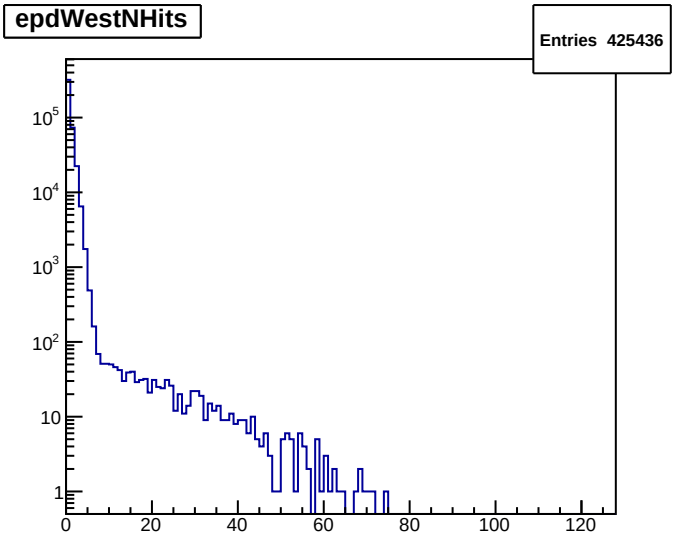
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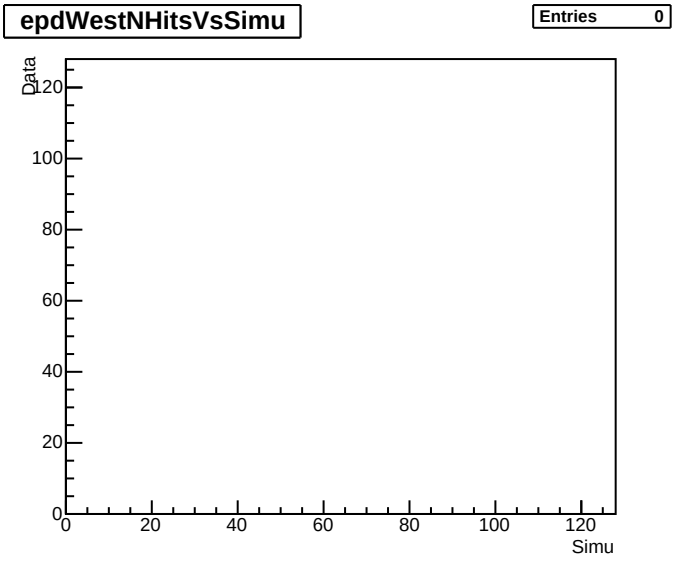
Entries 425436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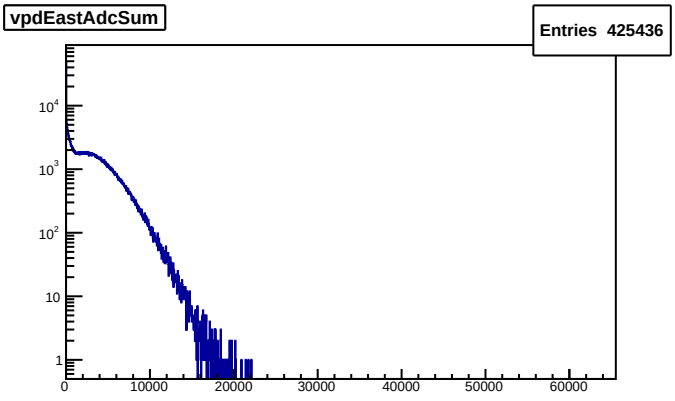
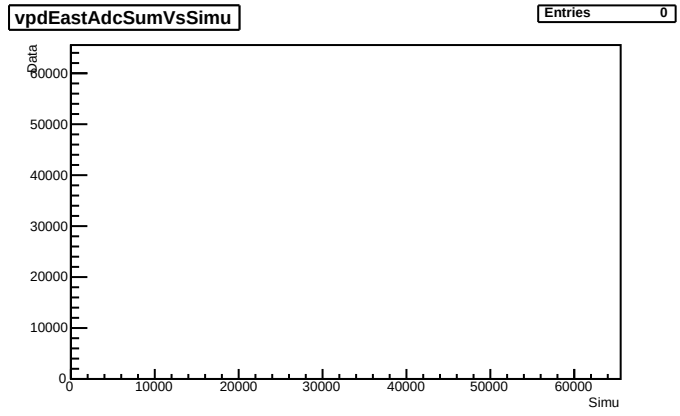
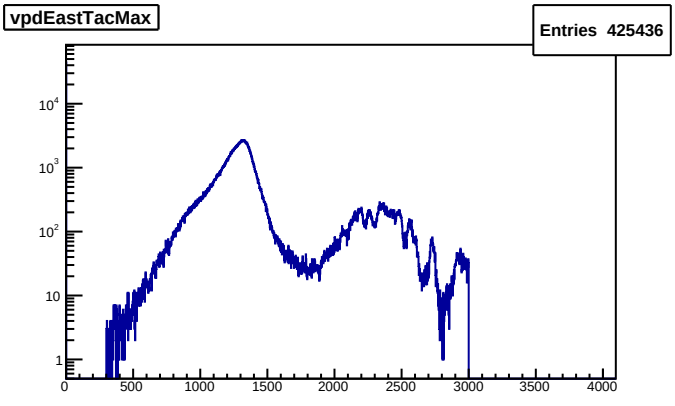
Entries 0
Data
Simu


vpdEastAdcSum
Entries 425436


vpdEastAdcSumVsSimu
Entries 0
Data
Simu


vpdEastTacMax
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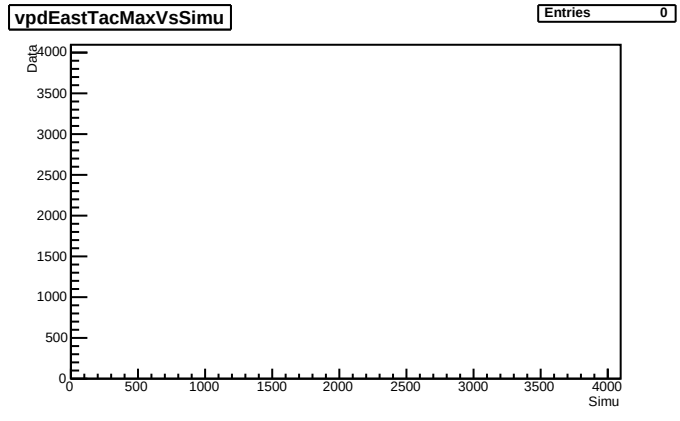
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Entries 0
Data
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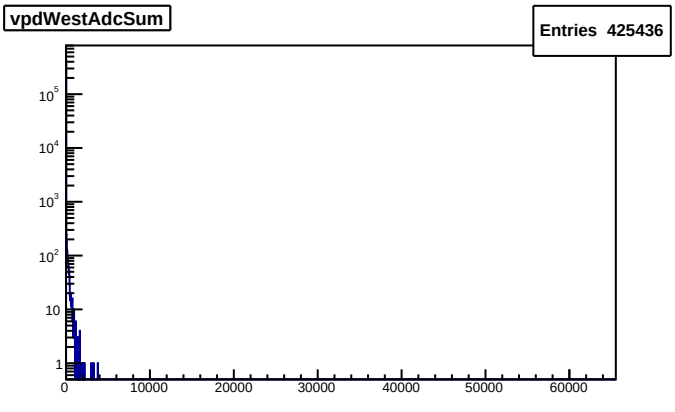
vpdWestAdcSum
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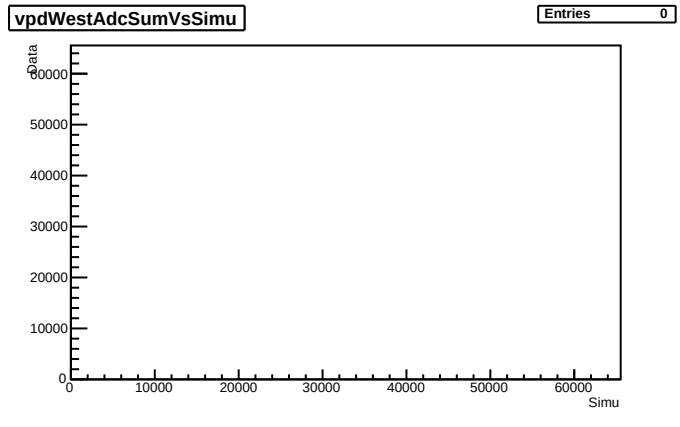
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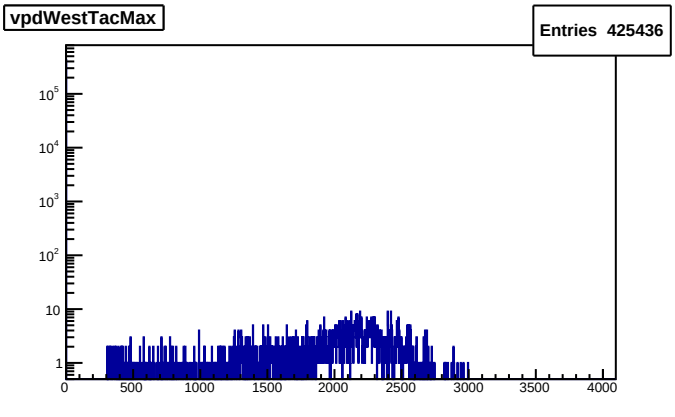
Entries 0
Data
Simu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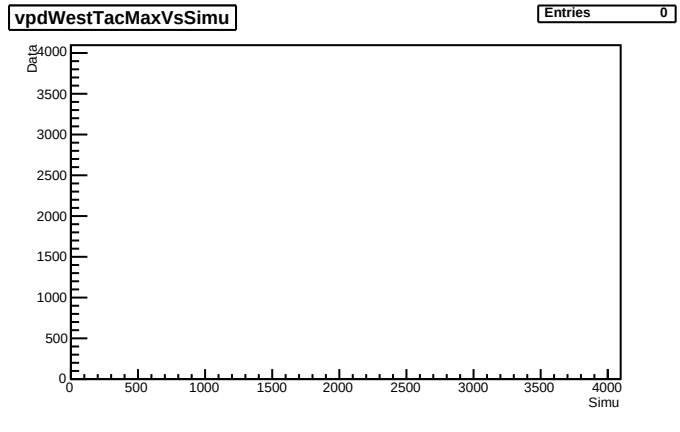
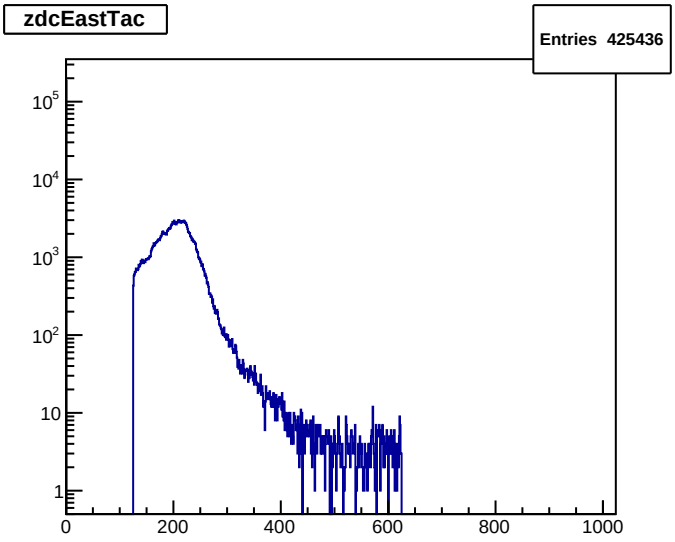
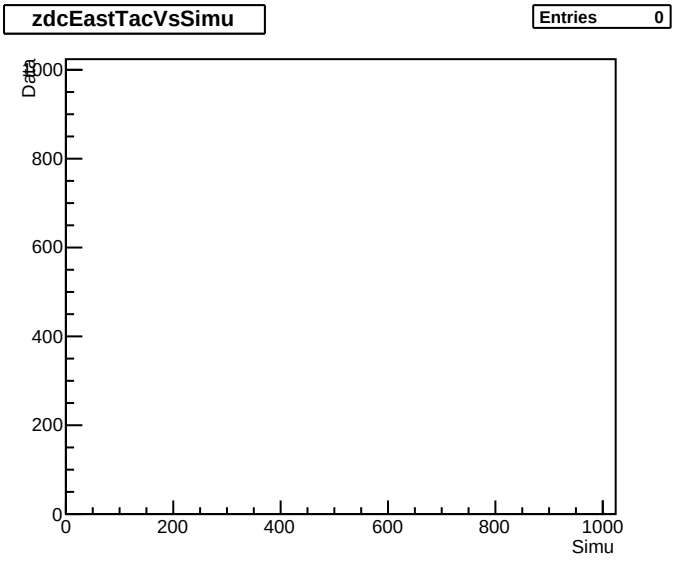
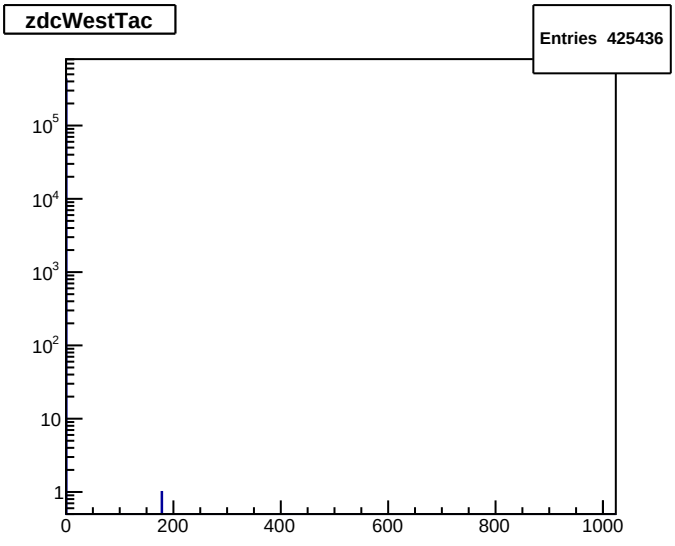
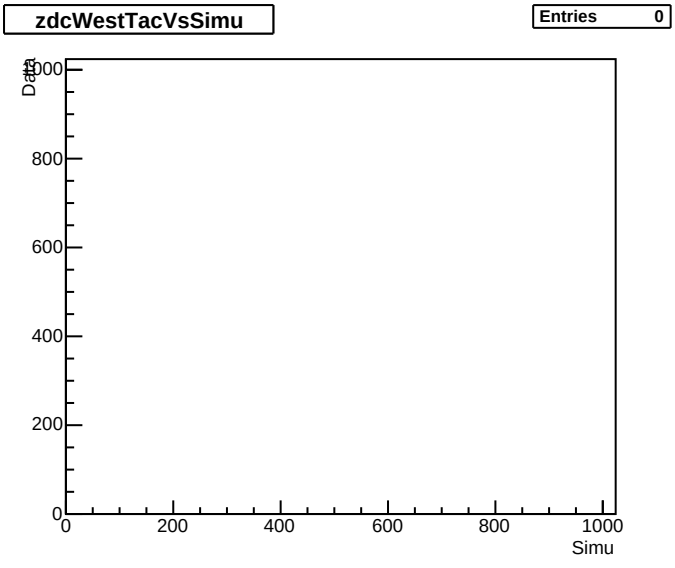
Entries 425436

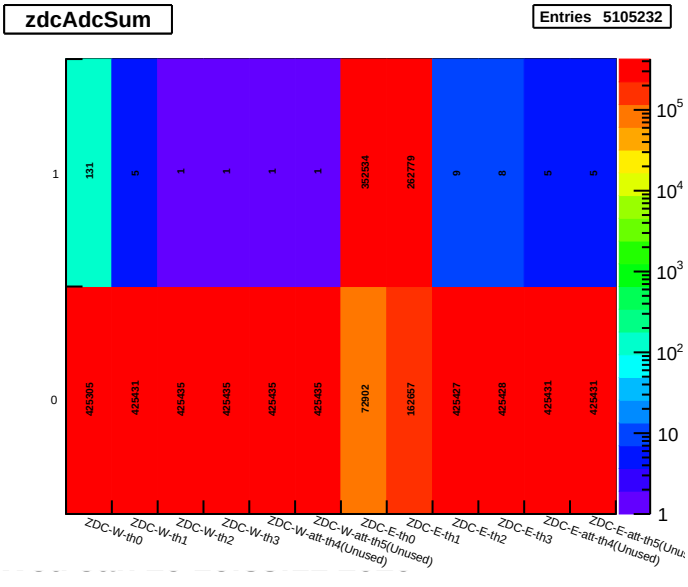

vpdWestTacMaxVsSimu
Entries 0
Data
Simu


zdcEastTac
Entries 425436
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcEastTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcWestTac
Entries 425436
10^5
10^4
10^3
10^2
10
1
0
200
400
600
800
1000


zdcWestTacVsSimu
Entries 0
Data
1000
800
600
400
200
0
0
200
400
600
800
1000
Simu


zdcAdcSum
Entries 5105232
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0
131
5
1
1
1
1
35534
26779
9
8
5
5
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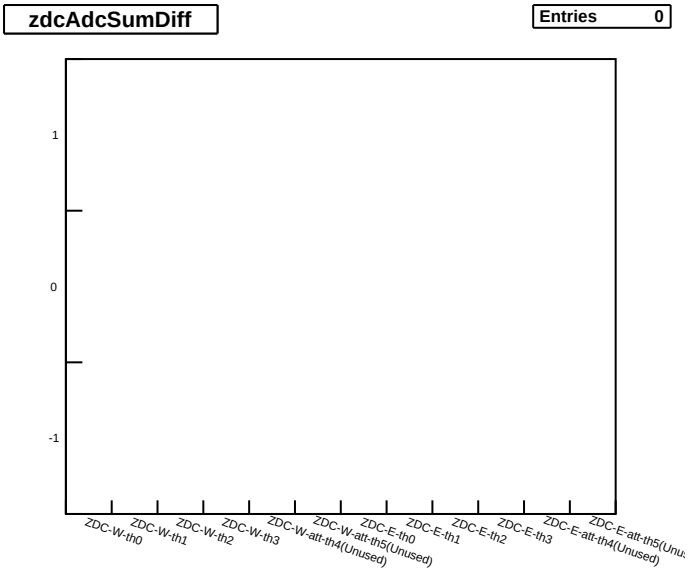
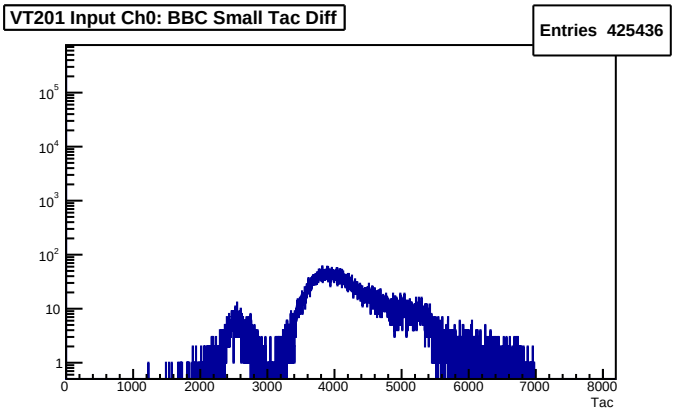
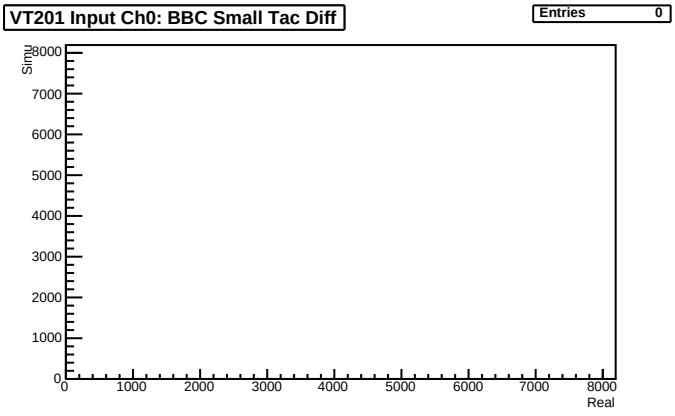
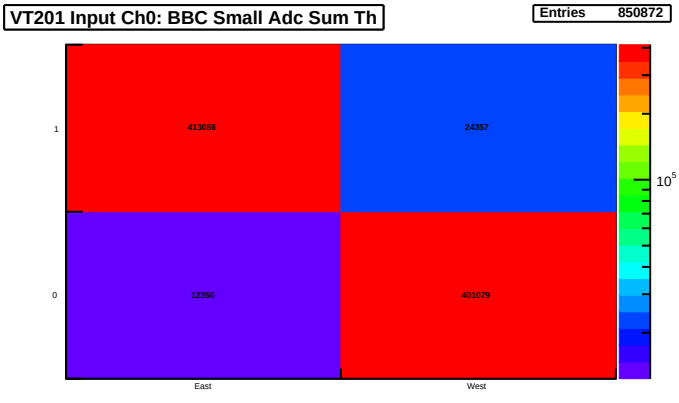
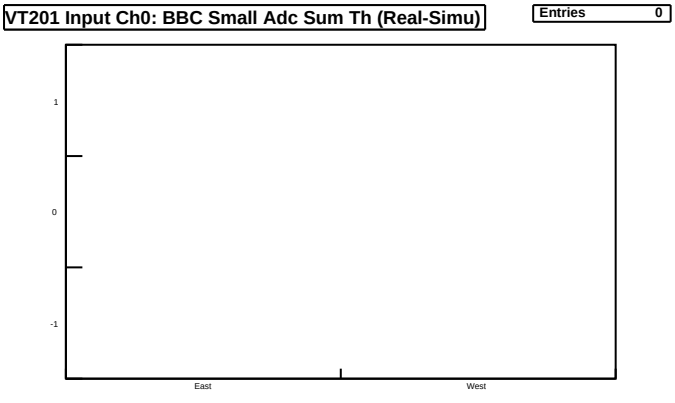
425435
72902
162657
425427
425428
425431
425431
10^5
10^4
10^3
10^2
10
1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

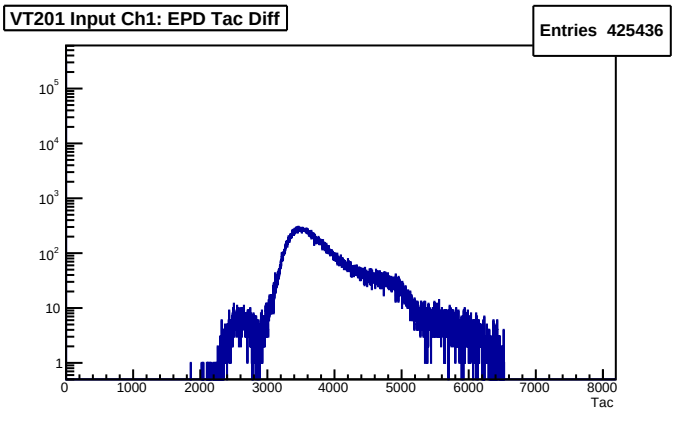

zdcAdcSumDiff
Entries 0
1
0
-1
ZDC-W-th0
ZDC-W-th1
ZDC-W-th2
ZDC-W-th3
ZDC-W-att-th4(Unused)
ZDC-W-att-th5(Unused)
ZDC-E-th0
ZDC-E-th1
ZDC-E-th2
ZDC-E-th3
ZDC-E-att-th4(Unused)
ZDC-E-att-th5(Unu

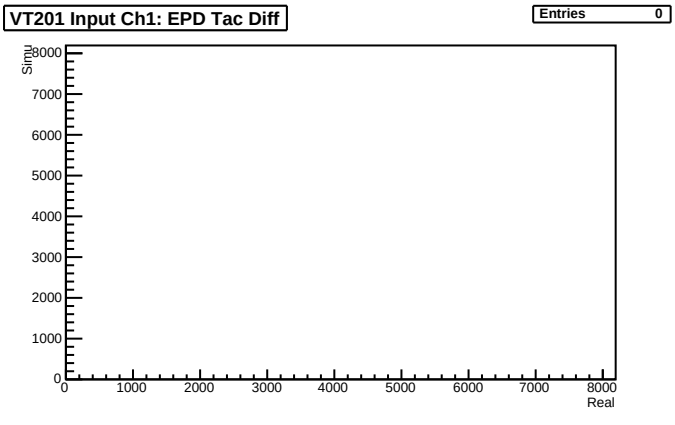

VT201 Input Ch0: BBC Small Tac Diff
Entries 425436
Tac

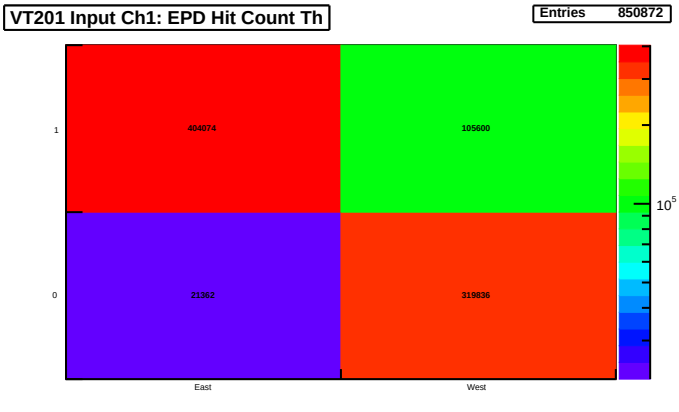

VT201 Input Ch0: BBC Small Tac Diff
Entries 0
Simu
Real

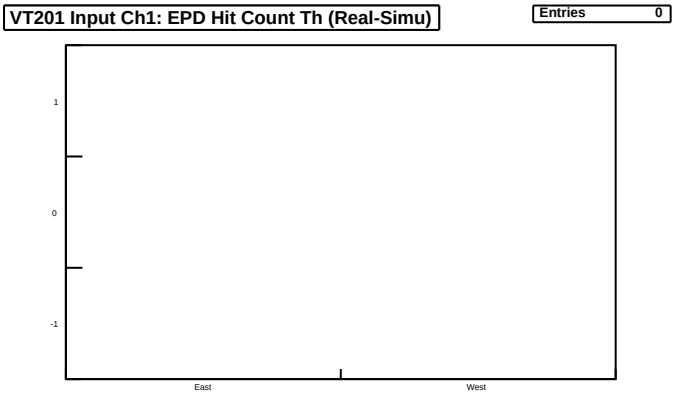

VT201 Input Ch0: BBC Small Adc Sum Th
Entries 850872
413086
24357
12350
401079
East
West

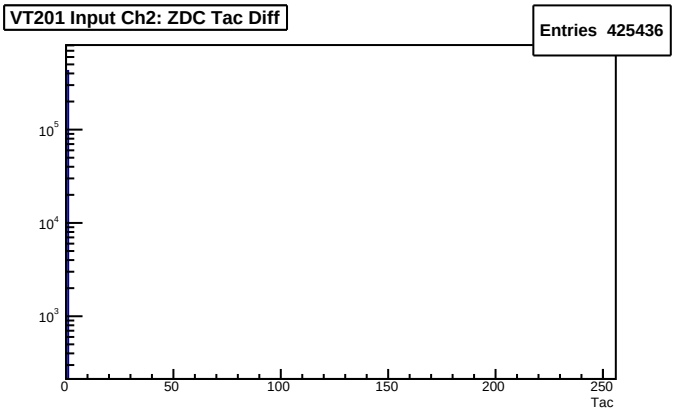

VT201 Input Ch0: BBC Small Adc Sum Th (Real-Simu)
Entries 0
East
West

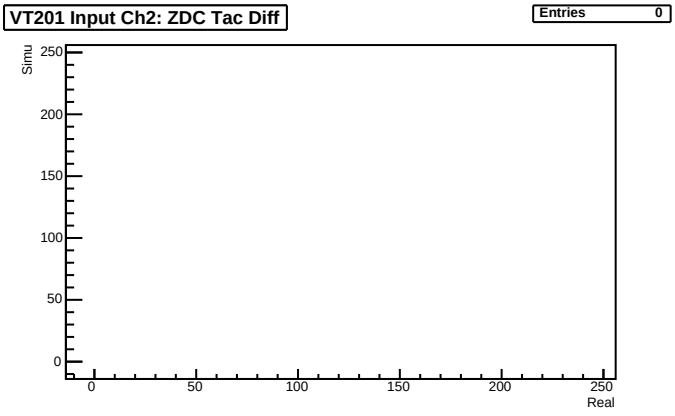

VT201 Input Ch1: EPD Tac Diff
Entries 425436
Tac

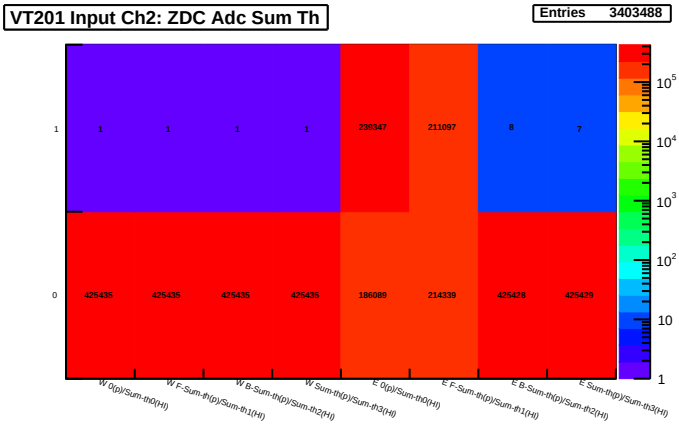

VT201 Input Ch1: EPD Tac Diff
Entries 0
Simu
Real

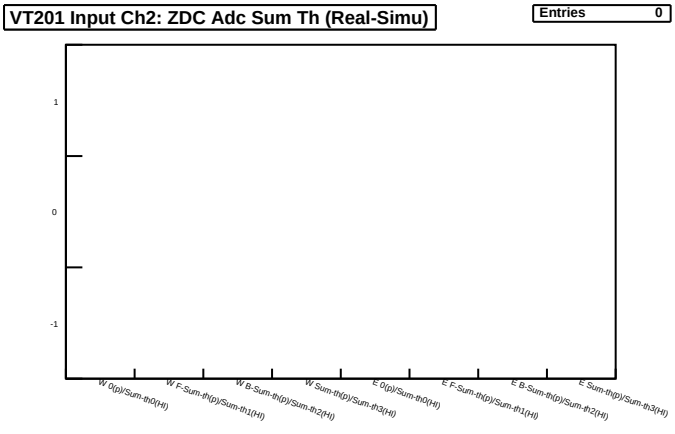

VT201 Input Ch1: EPD Hit Count Th
Entries 850872
404074
105600
21362
319836
East
West

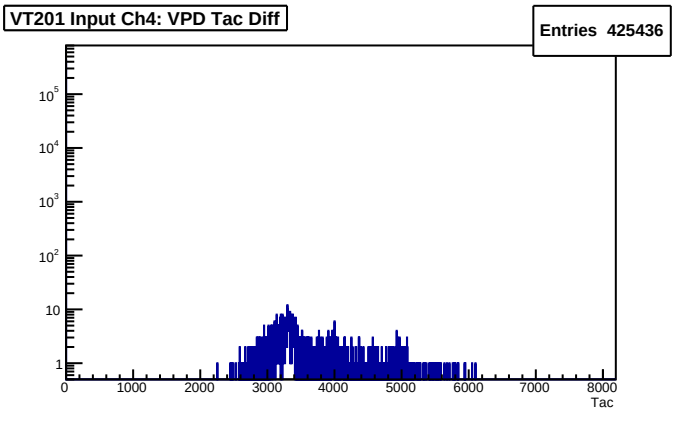

VT201 Input Ch1: EPD Hit Count Th (Real-Simu)
Entries 0
East
West

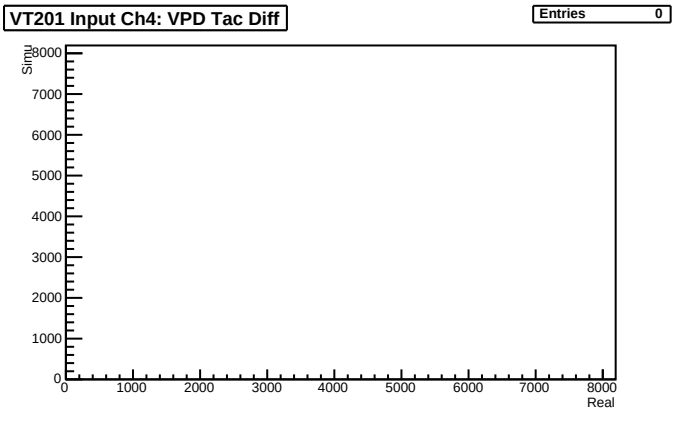

VT201 Input Ch2: ZDC Tac Diff
Entries 425436
Tac

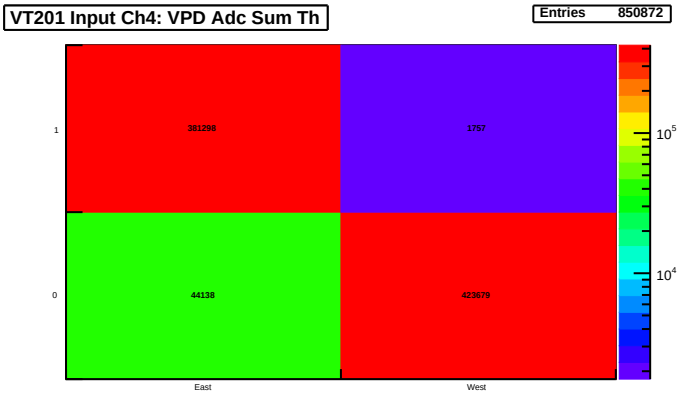

VT201 Input Ch2: ZDC Tac Diff
Entries 0
Simu
Real

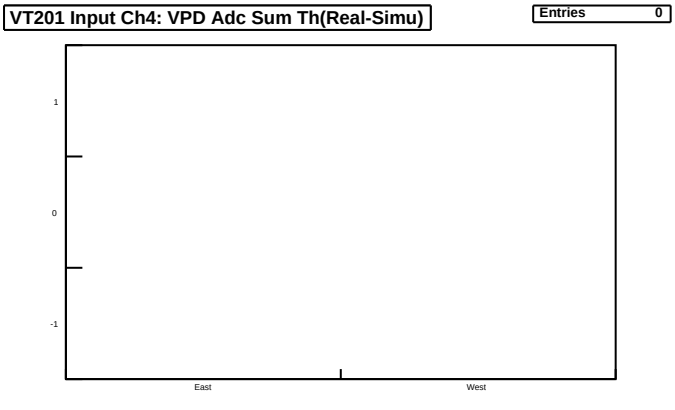

VT201 Input Ch2: ZDC Adc Sum Th
Entries 3403488
1 1 1 1 239347 211097 8 7
425435 425435 425435 425435 186089 214339 425428 425429
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

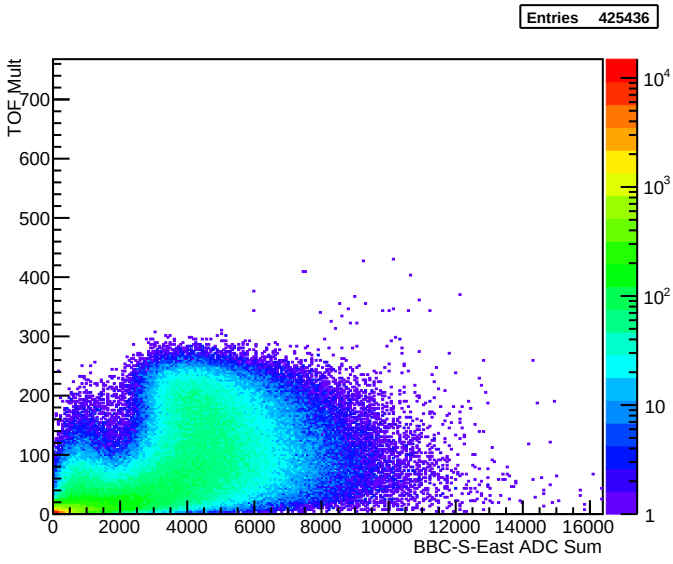

VT201 Input Ch2: ZDC Adc Sum Th (Real-Simu)
Entries 0
W 0(p)/Sum-th0(H)
W F-Sum-th(p)/Sum-th1(H)
W B-Sum-th(p)/Sum-th2(H)
W Sum-th(p)/Sum-th3(H)
E 0(p)/Sum-th0(H)
E F-Sum-th(p)/Sum-th1(H)
E B-Sum-th(p)/Sum-th2(H)
E Sum-th(p)/Sum-th3(H)

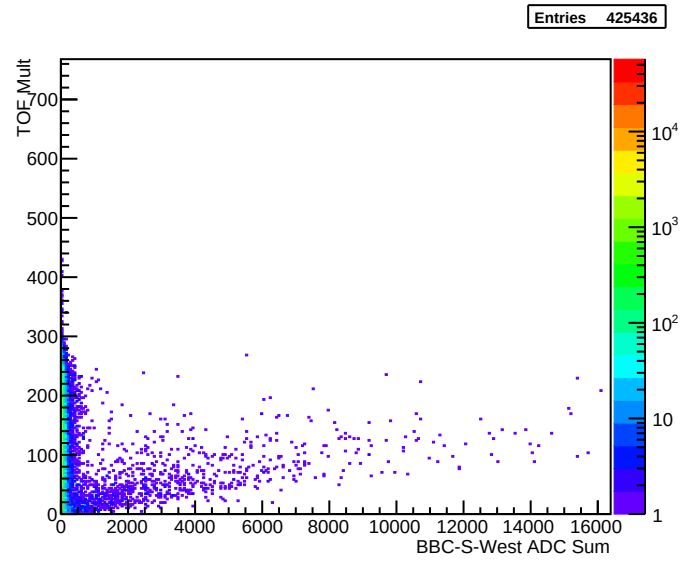

VT201 Input Ch4: VPD Tac Diff
Entries 425436
Tac

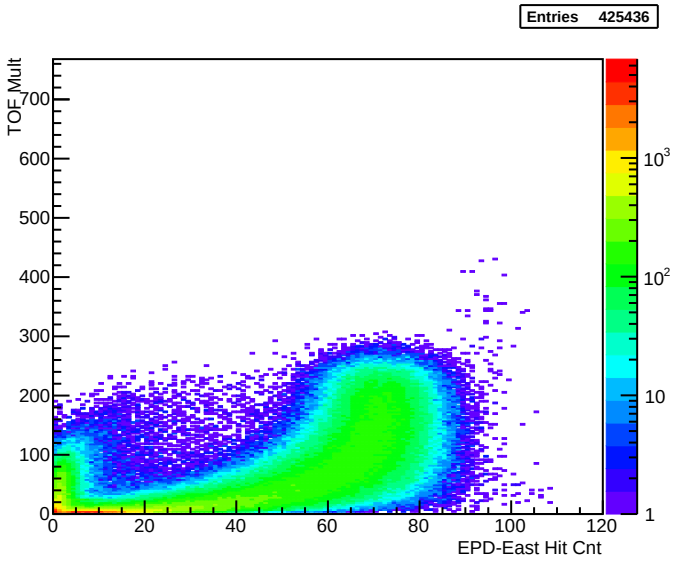

VT201 Input Ch4: VPD Tac Diff
Entries 0
Simu
Real

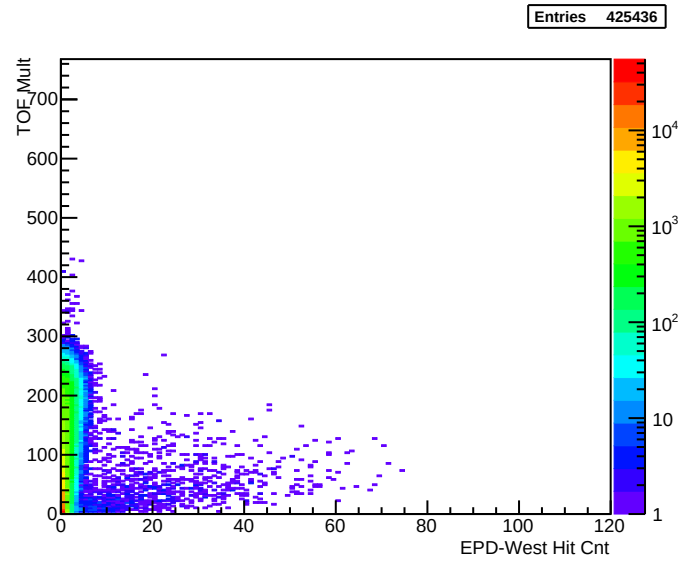

VT201 Input Ch4: VPD Adc Sum Th
Entries 850872
381298 1757
44138 423679
East
West

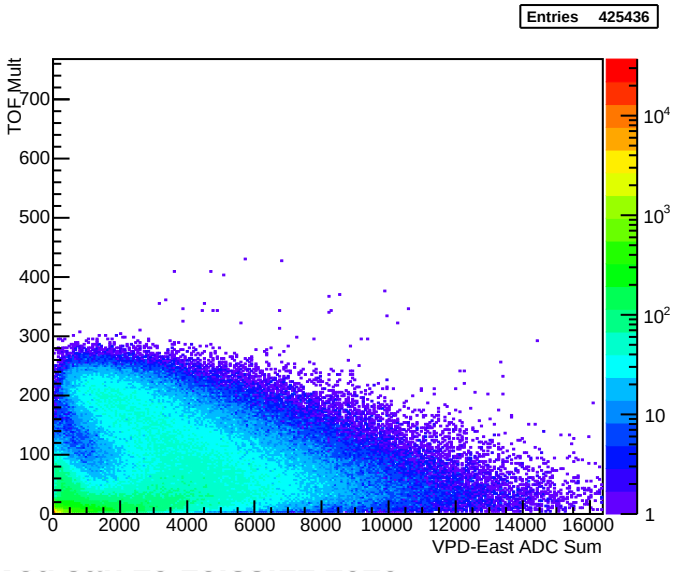

VT201 Input Ch4: VPD Adc Sum Th(Real-Simu)
Entries 0
East
West

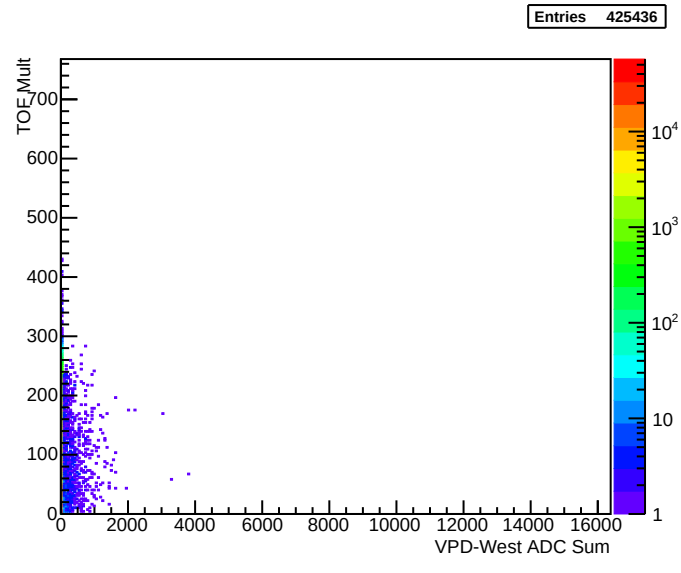

Entries 425436
TOF_Mult
BBC-S-East ADC Sum

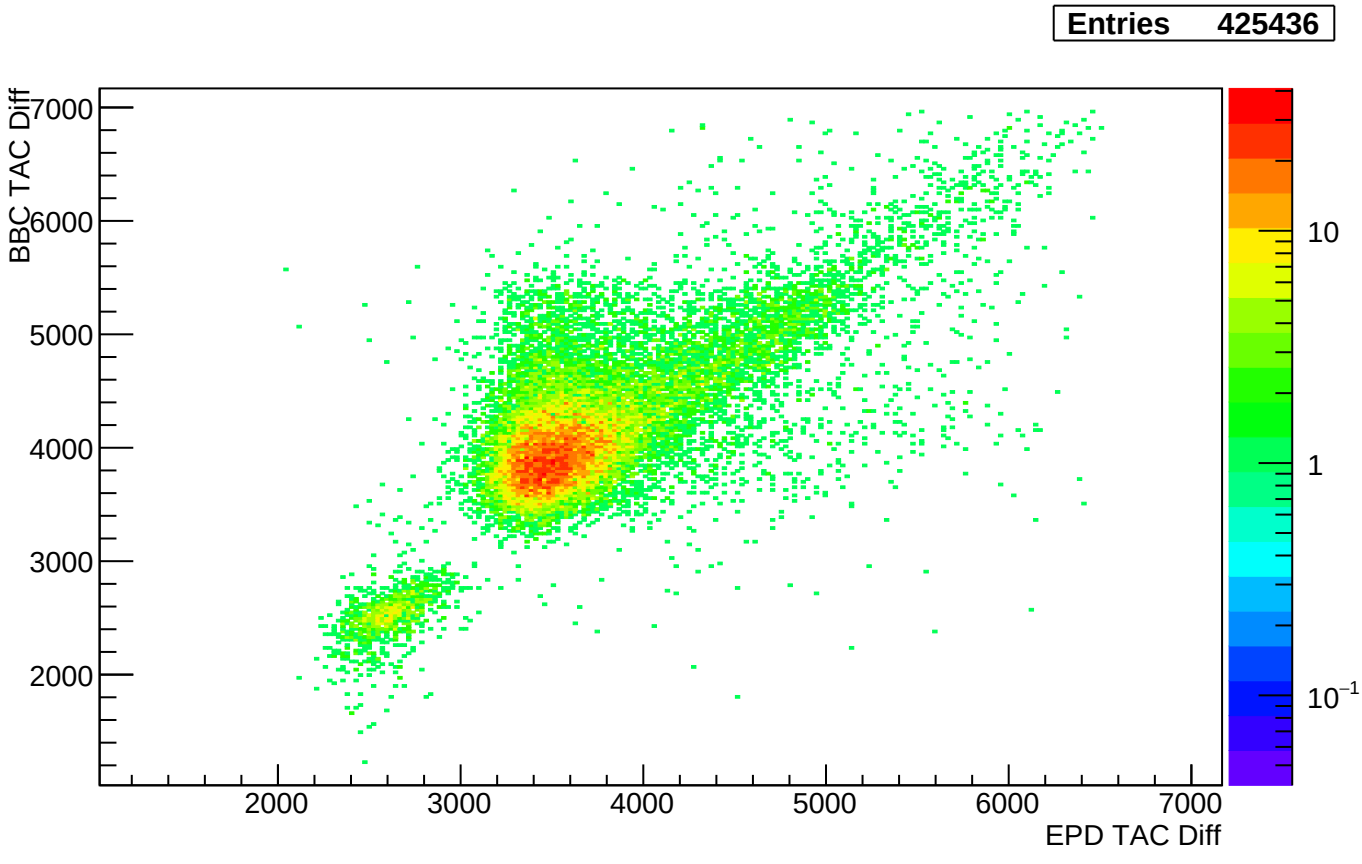

Entries 425436
TOF_Mult
BBC-S-West ADC Sum

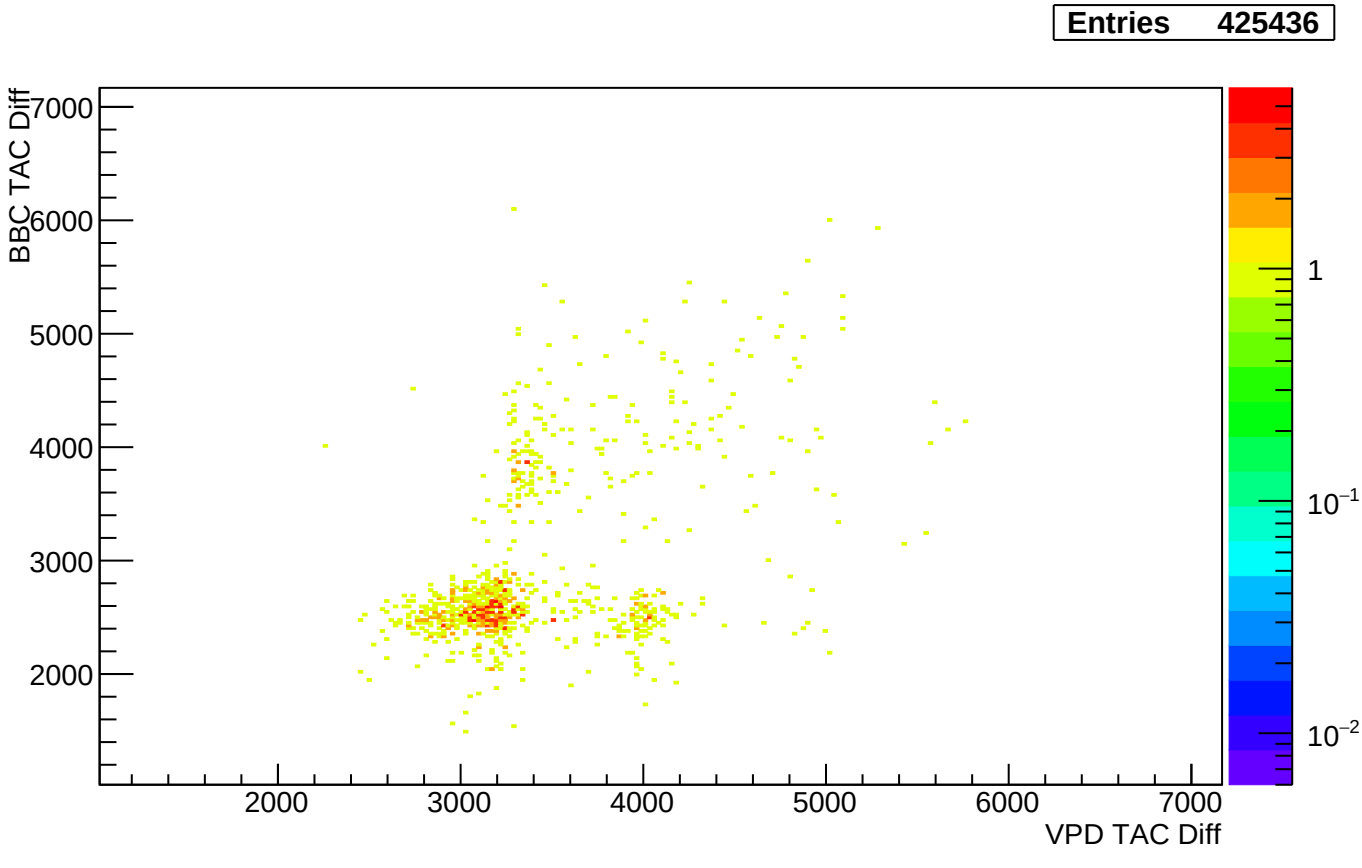

Entries 425436
TOF_Mult
EPD-East Hit Cnt

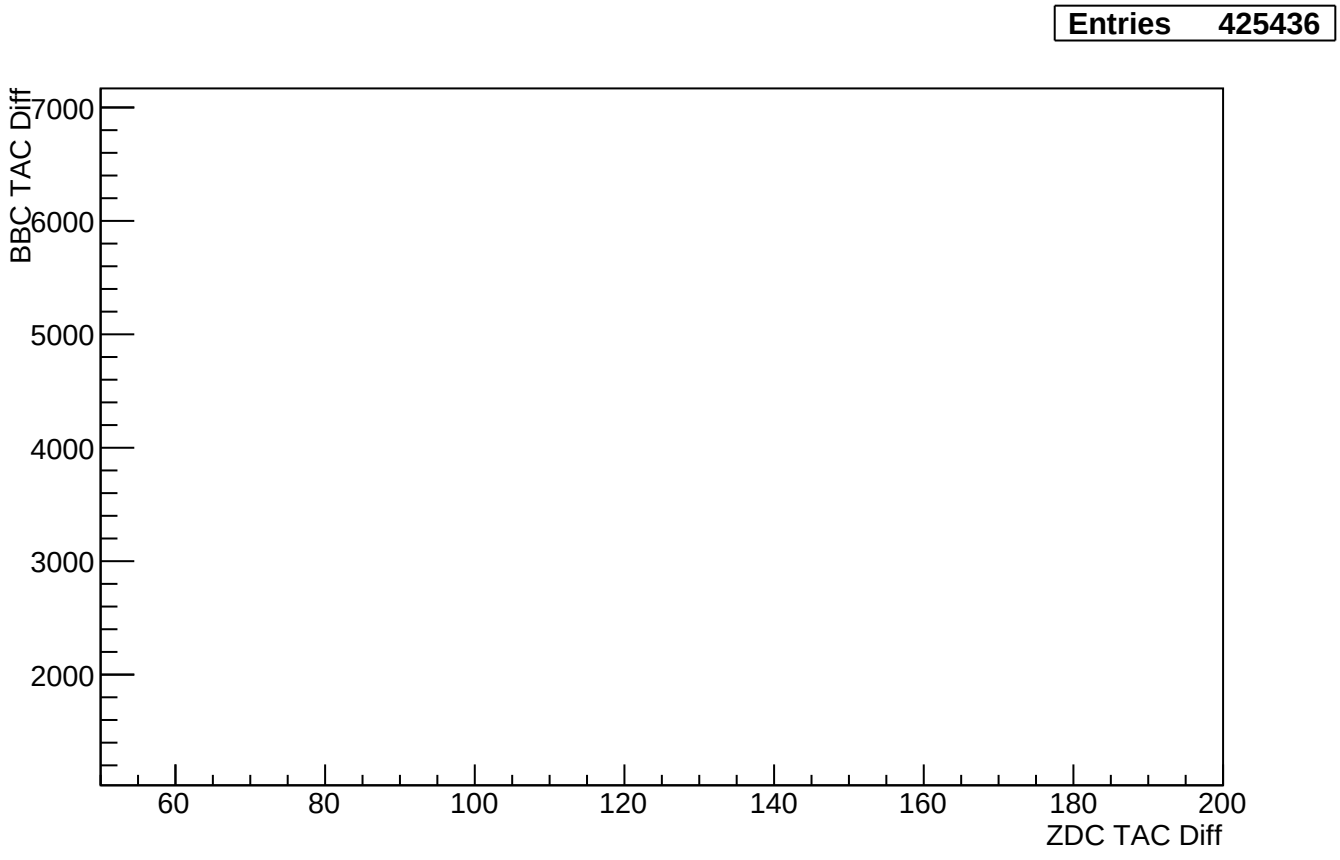

Entries 425436
TOF_Mult
EPD-West Hit Cnt

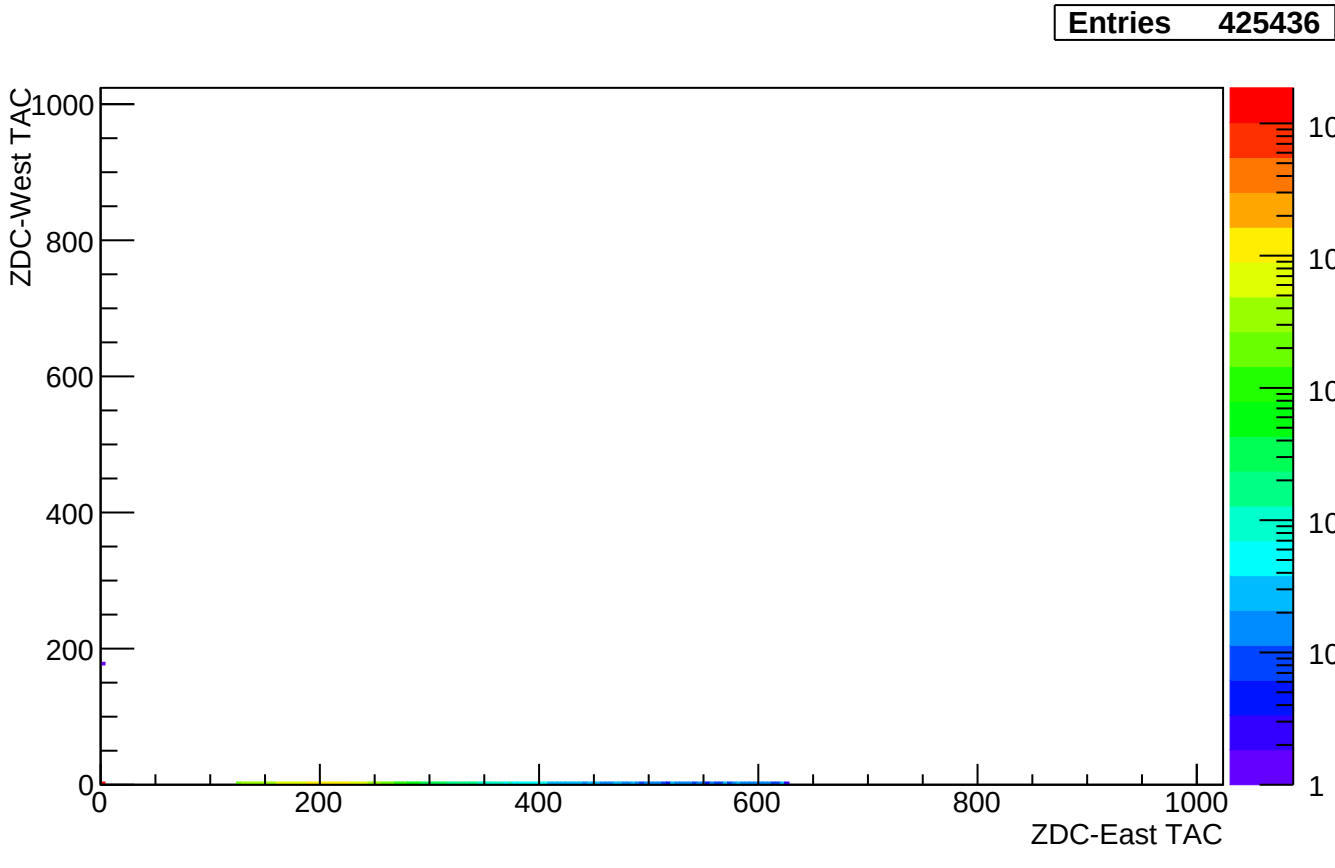

Entries 425436
TOF_Mult
VPD-East ADC Sum

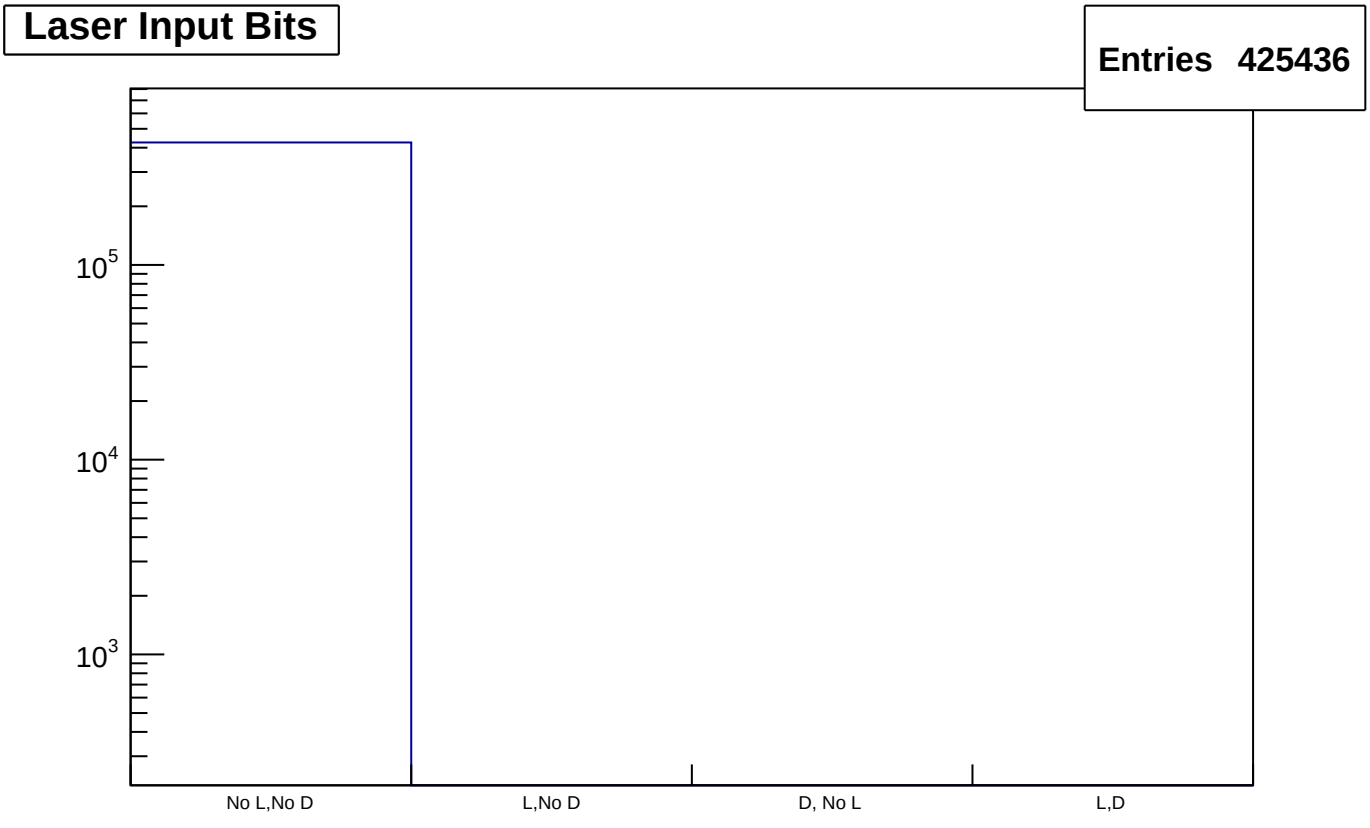

Entries 425436
TOF_Mult
VPD-West ADC Sum

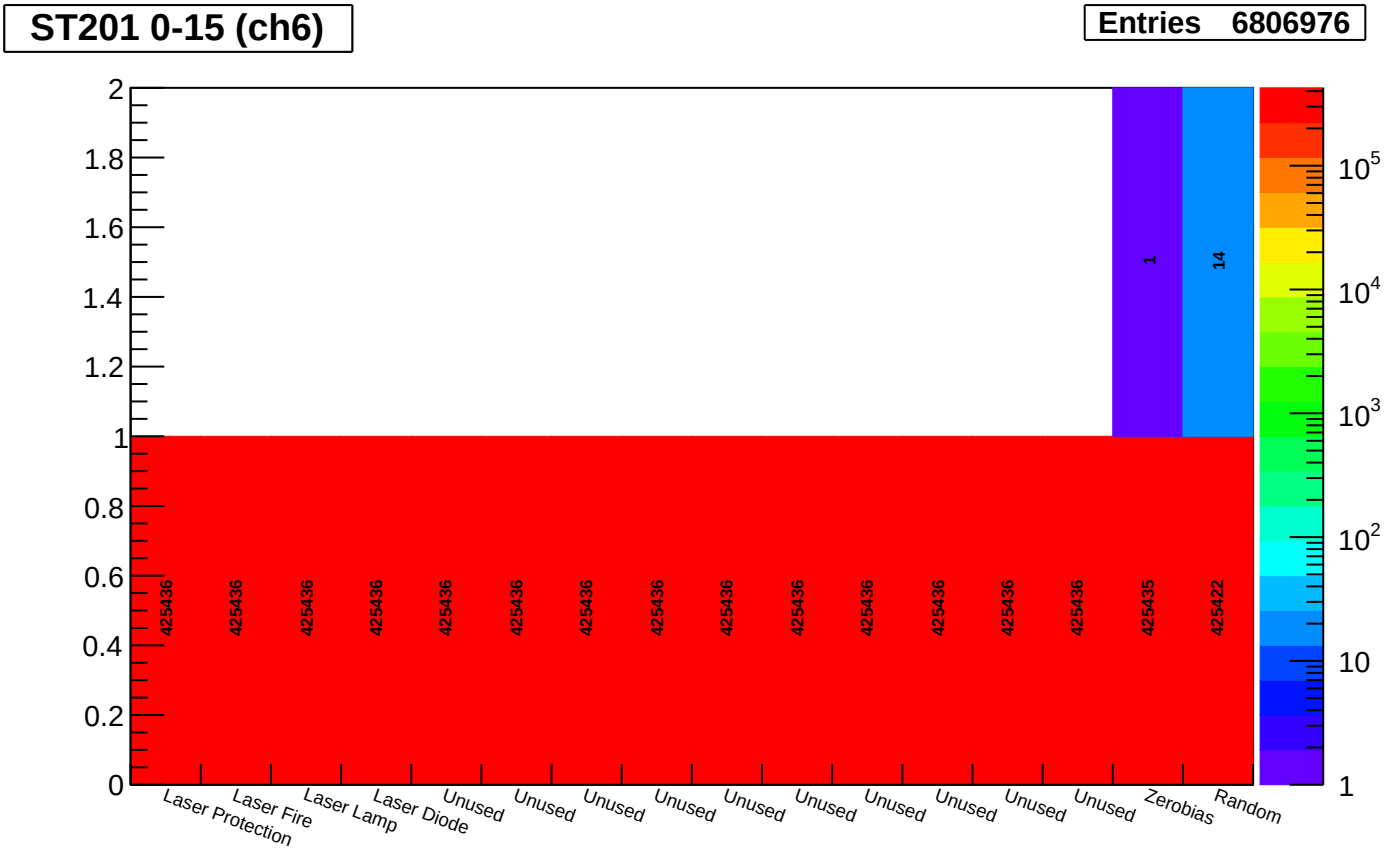

Entries 425436
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
EPD TAC Diff
10
1
10^{-1}

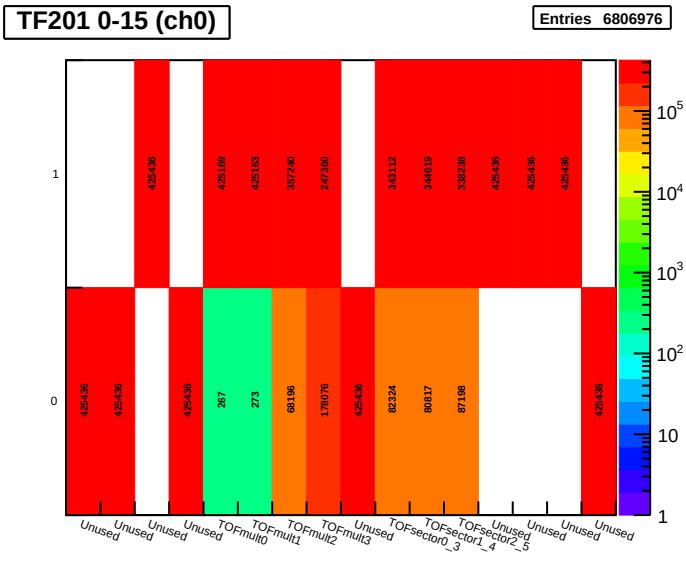

Entries 425436
BBC TAC Diff
7000
6000
5000
4000
3000
2000
2000
3000
4000
5000
6000
7000
VPD TAC Diff
1
10^{-1}
10^{-2}

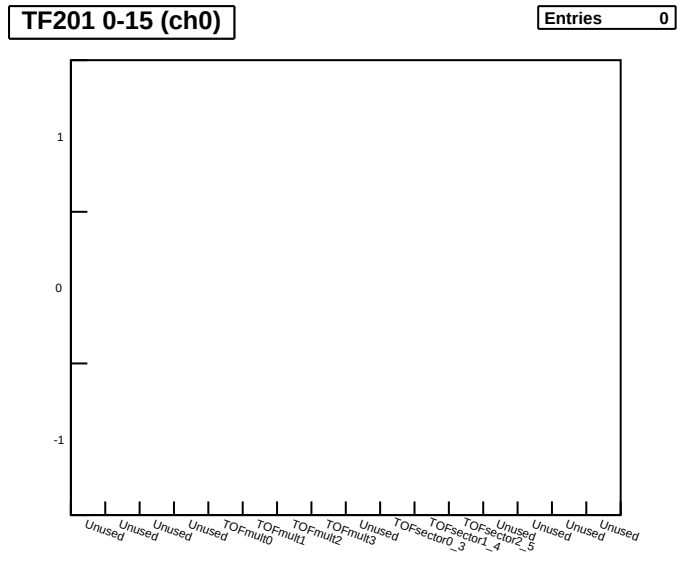

Entries 425436
BBC TAC Diff
7000
6000
5000
4000
3000
2000
60
80
100
120
140
160
180
200
ZDC TAC Diff

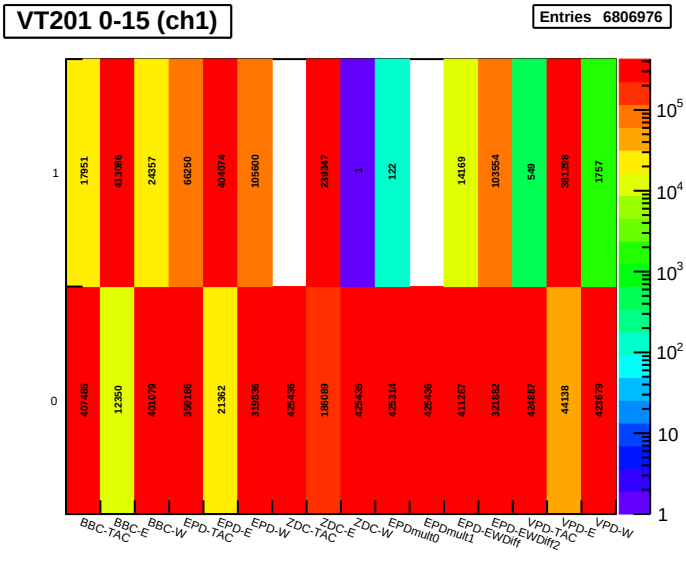

Entries 425436
ZDC-West TAC
1000
800
600
400
200
0
0
200
400
600
800
1000
ZDC-East TAC
10^5
10^4
10^3
10^2
10
1

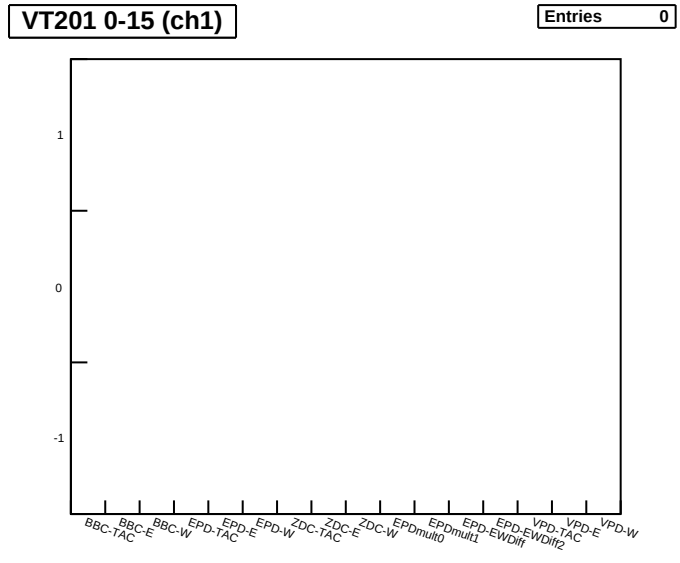

Laser Input Bits
Entries 425436
10^5
10^4
10^3
No L,No D
L,No D
D, No L
L,D

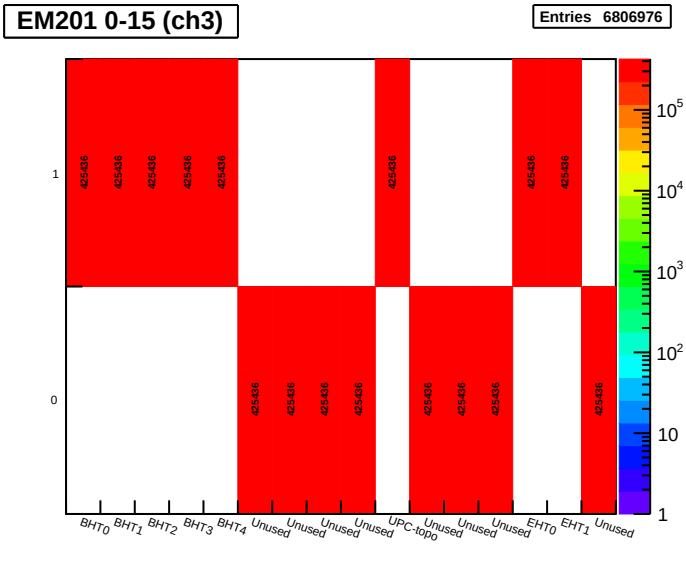

ST201 0-15 (ch6)
Entries 6806976
2
1.8
1.6
1.4
1.2
1
0.8
0.6
0.4
0.2
0
425436
425436
425436
425436
425436
425436
425436
425436
425436
425436
425436
425436
425436
425436
425435
425422
1
14
Laser Protection
Laser Fire
Laser Lamp
Laser Diode
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Unused
Zerobias
Random
10^5
10^4
10^3
10^2
10
1

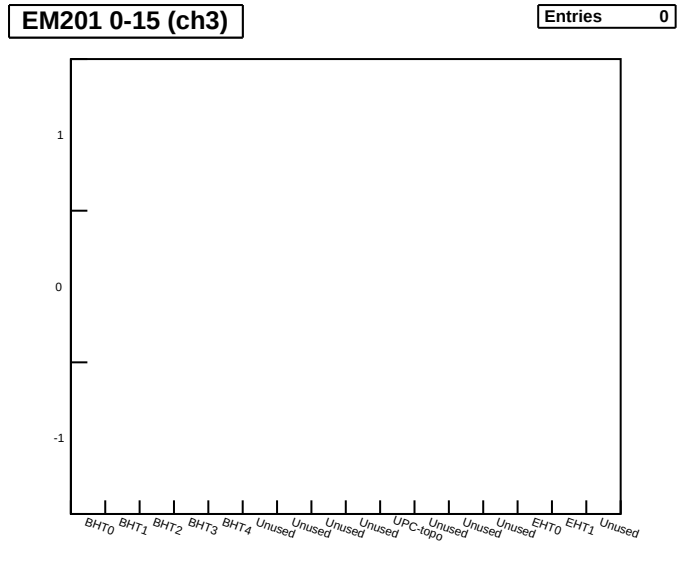

TF201 0-15 (ch0)
Entries 6806976
1
0
425436 425436 425436 425436 425169 425163 357240 247360 343112 344619 338238 425436 425436 425436
425436 425436 425436 267 273 68196 178076 425436 82324 80817 87198 425436
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused
10^5 10^4 10^3 10^2 10 1


TF201 0-15 (ch0)
Entries 0
1
0
-1
Unused Unused Unused Unused TOFmult0 TOFmult1 TOFmult2 TOFmult3 Unused TOFsector0_3 TOFsector1_4 TOFsector2_5 Unused Unused Unused Unused


VT201 0-15 (ch1)
Entries 6806976
1
0
17951 413086 24357 66250 404074 105600 239347 1 122 14169 103554 549 381288 1757
407485 12350 401079 359186 21362 319836 425436 186089 425435 425314 425436 411267 321882 424887 44138 422679
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W
10^5 10^4 10^3 10^2 10 1


VT201 0-15 (ch1)
Entries 0
1
0
-1
BBC-TAC BBC-E BBC-W EPD-TAC EPD-E EPD-W ZDC-TAC ZDC-E ZDC-W EPDmult0 EPDmult1 EPD-EWDiff EPD-EWDiff2 VPD-TAC VPD-E VPD-W


EM201 0-15 (ch3)
Entries 6806976
1
0
425436 425436 425436 425436 425436 425436 425436 425436
425436 425436 425436 425436 425436 425436 425436 425436
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused
10^5 10^4 10^3 10^2 10 1


EM201 0-15 (ch3)
Entries 0
1
0
-1
BHT0 BHT1 BHT2 BHT3 BHT4 Unused Unused Unused Unused UPC-topo Unused Unused Unused EHT0 EHT1 Unused